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OF THE

New England Water Works Association.

1925—1926.

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THE ASSOCIATION was organized in Boston, Mass., on June 21, 1882, with the object of providing its members with means of social intercourse and for the exchange of knowledge pertaining to the construction and management of water works. From an original membership of only TWENTY-SEVEN, its growth has prospered until now it includes the names of 800 men. Its membership is divided into six classes, viz:

A Member shall be an officer or employee of a public or private water works, an engineer, chemist or other person qualified to aid or interested in the advancement of knowledge relative to water works.

An Honorary Member shall be a person of acknowledged eminence in some branch of water supply or of engineering.

A Life Member shall be a member whose service to the Association entitles him to special recognition by the Association.

A Junior shall be not less than eighteen years nor more than twenty-five years of age, a student or connected with water supply work.

An Associate shall be either a person, firm or corporation engaged in manufacturing or furnishing materials or supplies for the construction or maintenance of water works.

A Corporate Member shall be either a Water Board, Commission, Company or Municipal Corporation.

The initiation fees and annual dues are as follows:

Initiation Fees		*Annual Dues*	
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Associates	10.00	Associates	20.00
Corporate Members	10.00	Corporate Members	10.00

This Association has six regular meetings each year, all of which, except the annual convention in September, are held at Boston.

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New England Water Works Association

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This Association, as a body, is not responsible for the statements or opinions of any of its members.

DESCRIPTION OF PUBLIC WATER SUPPLIES OF RHODE ISLAND.

Prepared by STEPHEN DEM. GAGE, Sanitary Engineer, State Board of Health.

Albion.

Village of Albion in town of Lincoln. Population supplied, about 800. Water introduced in 1900. Works operated by Valley Falls Company to supply mill tenements, etc. Source of supply — two artesian wells, 60 ft. deep and 300 ft. deep, respectively. Water pumped direct to mains. Equalizing and storage reservoir of about 215 000 gal. capacity. Water power used for pumping. No records of amount of water pumped or used. Quality of water excellent.

Andrews Village.

In town of North Smithfield. Population supplied, about 200. Water introduced in 1920. Works operated by Andrews Mill Company to supply their mill and mill tenements. Source of supply, a drilled well 350 ft. deep. Distributing reservoir with capacity of 90 000 gal. Electric power used for pumping. Consumption about 15 000 gal. per day, about half of which is used in the mill. Quality of water excellent.

Block Island Water Company.

Town of New Shoreham. Total population about 1 500. Supply obtained by pumping from Sand's pond. No data available as to population served or of amount of water used. Quality of water very variable.

Bradford.

Village of Bradford in town of Westerly. Population, 400. Water introduced, 1913. Works operated by Bradford Dyeing Association to supply drinking water to their plant and tenement property. Source of supply, seven driven wells averaging 63 ft. in depth. Water pumped by electric pump direct to mains. Standpipe capacity 20 000 gal. Average consumption about 14 000 gal. per day, of which about 80 per cent. is used in the village. Quality of water is excellent.

Bristol and Warren Water Works.

This company supplies a population of 24 000 in towns of Bristol, Warren, and Barrington. The works were constructed in 1883 and filtration was introduced in 1908. Source — impounding reservoirs on the Kickemuit and the Shad or Palmer rivers. The watersheds of these supplies, comprising about 35.9 sq. miles, are comparatively unpopulated and in a considerable measure are owned by the water company. As nearly 35 sq. miles of this watershed is outside the state, however, it is not feasible to maintain complete sanitary control. The reservoirs are shallow and the drainage area contains considerable swamp land. The raw water ranges high in color and organic matter, and there is more or less trouble through growth of odor-producing organisms. The filter plant consists of a combined coagulation and sedimentation basin, with a capacity of about 106 000 gal. and six rapid gravity filters with a total area of 1 080 sq. ft. The total capacity of the plant is about three million gal. per day. Sulphate of alumina and precipitated lime are used as coagulants. The filtered water is pumped direct to the mains by electric-driven pumps, any excess going to a standpipe with a capacity of 469 000 gal. The average daily consumption is 2 100 000 gal., of which about one-fourth is used by manufacturing plants. Apparatus for disinfection of this supply with liquid chlorine was installed in February, 1921. The water after filtration is of excellent quality and appearance.

Buttonwoods-Crawford Supply.

Village of Buttonwoods in town of Warwick. Works constructed in 1903. Owned by Annie L. Crawford. The source of supply is an artesian well 82 ft. deep. The water is pumped by a gasoline engine to a standpipe with a capacity of 4 500 gal. from which it is distributed by gravity. About 200 persons are supplied in summer. The summer consumption is about 10 000 gal. per day. In winter, only one family is supplied. The quality of the water is excellent.

East Greenwich Water Company.

Supply for East Greenwich, and the village of Apponaug in the town of Warwick. Total population supplied, about 4 500. The works were constructed in 1886 and filtration was introduced in 1907. Hunt's River, the source of supply, is practically uncontrolled. The watershed, comprising about 17.2 sq. miles, is largely farming country. The water is pumped by electric power direct to the mains. A standpipe with a capacity of about 375 000 gal. equalizes the pressure and provides a reserve when the pumps are shut down. The average consumption is about 400 000 gal. per day, of which approximately 22 per cent. is used for manufacturing purposes. The filtration plant consists of two rapid filters of the horizontal pressure type, with a total superficial area of 100 sq. ft., and a capacity of about one million gal. per day. Sulphate of alumina and soda

ash are employed as coagulants. Apparatus for disinfection with liquid chlorine was installed April, 1925. The raw water is relatively easy to treat during the greater part of the time, but is subject to excessive changes in color at times. The filtered water is of excellent quality and appearance.

East Providence Water Company.

Supply for Rumford, Phillipsdale, and Riverside districts in the town of East Providence. Population served, about 12 000. Works constructed in 1893. Filtration introduced in 1895. Source of supply, impounding reservoirs on Ten Mile River. The drainage area, comprising about 53 sq. miles, nearly all of which is in Massachusetts, includes a number of populous towns and villages. The water after filtration is pumped direct to the mains and to a standpipe with a capacity of one million gal. Water power and electricity are used for pumping. The average consumption is about 2 100 000 gal. per day, about 80 per cent. of which is used for manufacturing purposes. The filtration plant was one of the first rapid filter plants to be installed in New England for the purification of a public water supply. This plant now consists of a coagulation and sedimentation basin 75 x 45 x 16 ft., with a capacity of about 400 000 gal., six open gravity units 15 ft. in diameter, with a total capacity of about three million gal. per day. Sulphate of alumina and soda ash are used as coagulants. Apparatus for disinfection of this supply with liquid chlorine was installed in December, 1920. The raw water carries considerable color and is polluted to a certain extent with both domestic and manufactural sewage. After filtration the water is of excellent sanitary quality and appearance.

Exeter.

State School for Feeble-Minded in town of Exeter. Population 360. Water system constructed in 1908. The supply is obtained from a series of 12 driven wells averaging 40 ft. in depth. Steam power is used for pumping. The consumption is about 36 000 gal. per day. Quality of water excellent.

Georgiaville.

Village of Georgiaville, town of Smithfield. Population supplied, about 600. Water introduced in 1910. Works owned and operated by Manville Company to supply mill tenements and drinking water for the Bernon Mill. Source of supply, a dug well 12 ft. deep, and a drilled well 75 ft. deep. Water pumped by steam and water power direct to the mains. Consumption about 38 000 gal. per day. In September, 1923, a rapid gravity filter, with a capacity of 50 000 gal., was installed to permit the use of water from the Woonasquatucket River as an auxiliary supply. The river above Georgiaville is rather completely controlled for power purposes and has a watershed of about 33.6 sq. miles, most of which is farm land. Sulphate of alumina and soda ash are used as coagulants at the filter plant.

Since 1921 all water pumped has been treated with liquid chlorine. The mixed water as supplied to consumers is of safe sanitary quality and of good appearance.

Greenwood.

Village in town of Warwick. Works constructed in 1899. Owned and operated by H. L. Shippee. Population supplied, about 200. Source of supply, curb well, 10 ft. diameter, 12 ft. deep. The water is pumped by two windmills to a standpipe of 30 000 gal. capacity and supplied by gravity. A gasoline engine is used as an auxiliary source of power. All services are metered. Total consumption not known. The water is of safe sanitary quality and usually of good appearance, although there is some trouble at times due to discoloration with iron.

Greystone.

Village of Greystone in town of North Providence. Population supplied, about 600. Works constructed by Joseph W. Benn and Sons Company in 1904 to supply drinking water for their mill and mill tenements. Source of supply, a curb well, 10 ft. in diameter, 18 ft. deep, located inside the mill. Water pumped direct to mains by steam power. Average consumption about 216 000 gal. per day, about one-fourth being used for drinking water and toilet purposes inside the mill. Quality of water excellent.

Harris Heights.

Village in town of Warren. Population supplied, about 150. Works constructed in 1918. Owned and operated by Joseph Harris. Source of supply, two dug wells each 22 ft. deep. Water pumped by windmill and electric pump to tank of 10 000 gal. capacity from which it is distributed by gravity. Consumption not known. Quality of water excellent.

Harrisville Realty Company Supply.

Supply for eastern portion of village of Harrisville in town of Burrillville. Works constructed, 1918. Owned and operated by Harrisville Realty Company. Population supplied, about 100. Source of supply, a drilled well 315 ft. deep. Water pumped by electric power direct to mains and to a standpipe of 50 000 gal. capacity. Average consumption about 6 600 gal. daily. The water is of excellent sanitary quality and appearance.

Jamestown.

Population supplied, about 1 250. Works constructed in 1889. Filtration introduced in 1910. Owned by Jamestown Water Company. Source of supply, two small impounding reservoirs with a total capacity

of 20 million gal. The watershed, about 1.2 sq. miles in area, is mainly farm and woodland with some swamp. The water is pumped direct to the mains and to a standpipe with a capacity of 360 000 gal. Kerosene engines are used for pumping. The average consumption is about 260 000 gal. per day. The filter plant consists of a coagulation basin with a capacity of about 35 000 gal. and one rapid sand filter of the horizontal pressure type. The total capacity of the plant is about 280 000 gal. per day. Sulphate of alumina and soda ash are used as coagulants. Disinfection of this supply with hypochlorite of lime was started in May, 1921, and liquid chlorine apparatus was installed in 1925. The filter plant is operated under the general supervision of the bacteriologist of the Newport Water Company. The reservoirs from which the supply is obtained are shallow and the raw water contains considerable color and organic matter and is subject to growths of algae and other microörganisms. The filtered water is of good sanitary quality and usually of good appearance.

Kingston.

Village of Kingston in town of South Kingstown. Population supplied, about 300. Works constructed, 1902. Owned and operated by Bernon-LeMoine Water Company. Source of supply, a 6-in. artesian well 200 ft. deep and a spring. The water is pumped by a gasoline engine to a standpipe with a capacity of 10 000 gal. from which it is distributed by gravity. The average consumption is about 10 000 gal. per day. Quality of water is excellent.

Mapleville-Coronet Worsted Company Supply.

Supply for part of the village of Mapleville in the town of Burrillville. Works owned and operated by the Coronet Worsted Company to serve mill tenements. Population supplied, about 100. A gravity supply from a large spring on a nearby hillside. Consumption not known. Quality of water excellent.

Mohegan.

Village in town of Burrillville. Works constructed in 1906 by Wanskuck Company to supply mill property. Population supplied, about 250. Source of supply, drilled well 95 ft. deep. Water pumped by electricity to mains and to a concrete equalizing reservoir of 16 500 gal. capacity. Average consumption about 20 000 gal. per day. The water is of good sanitary quality although discolored at times with iron.

Newport Water Company.

Supply for Newport and part of Middletown. Population supplied, about 30 000. Water works constructed, 1876. Filtration introduced, 1910. The supply is obtained by impounding the main brooks on the southerly end of the island of Rhode Island in six reservoirs, with a total

capacity of about 1 578 million gal. The watershed comprises about 7.9 sq. miles of well-populated farming country, part of which is controlled by the water company. The water after filtration is pumped direct to the mains and to a distributing reservoir with a capacity of about 8 million gal. Steam power is used for pumping. The consumption averages about 4 million gal. per day. The filter plant consists of an aerator, a coagulating basin with a capacity of 1 million gal., and six rapid filters of the open gravity type with a capacity of 6 million gal. per day. Sulphate of alumina and soda ash are used as coagulants. From 1910 to 1919 the filtered water was treated with hypochlorite of lime. In 1919 apparatus for disinfecting with liquid chlorine was installed. The water company employs a trained chemist and bacteriologist who has direct supervision over the operation of the filter plant and makes daily analyses of the water. The raw water before filtration is usually of high color and is subject to growths of algae and microörganisms and to occasional pollution from habitations and farms on the tributary brooks. After filtration and disinfection the water is of excellent sanitary quality and appearance.

Oakland Worsted Company Supply.

Supply for part of village of Oakland in town of Burrillville. Works constructed in 1895 by the Oakland Worsted Company. Population supplied, about 400. Source of supply, two artesian wells 200 and 150 ft. deep, respectively. Water pumped by electricity to reservoir of 15 000 gal. capacity from which it is supplied by gravity. Average consumption about 10 000 gal. daily. The water is of excellent quality and appearance but occasionally shows bacterial evidence of contamination.

Oakland-Remington Supply.

Part of village of Oakland in town of Burrillville supplied from works introduced in 1898 by C. O. Remington. Population supplied, about 125. Source of supply, dug well 21 ft. deep. Water pumped by electricity and windmill to 5 500 gal. tank from which it is supplied to consumers by gravity. Average consumption 1 500 gal. daily. The water is of good sanitary quality.

Pascoag Water Company.

Supply for villages of Pascoag and Harrisville in town of Burrillville. Population supplied, about 4 000. Water works constructed in 1903. There are two sources of supply at Pascoag and Harrisville, respectively. The Pascoag supply consists of two wells 20 ft. diameter by 16 ft. deep and 12 ft. diameter by 14 ft. deep, and two filtration galleries each 4 x 8 ft. in section and 100 ft. long. The Harrisville supply consists of a well 20 ft. in diameter and 18 ft. deep, in the bottom of which are driven sixteen 4-in. wells and one 6-in. well to augment the inflow of ground water. The water is pumped direct to the mains and to a standpipe with a capacity of 235 000

gal. Electric power is used for pumping at Harrisville. At Pascoag, steam power and producer gas engines are used. At the present time the main supply is obtained from Harrisville, and the Pascoag supply is used as a reserve. Apparatus for disinfection with chlorine, produced by electrolysis, was installed January, 1924. The average consumption is about 225 000 gal. per day. The water from both sources is of good sanitary quality but is higher in color and contains much more organic matter at times than is usual in good ground waters.

Pawtucket.

Supply for cities of Pawtucket and Central Falls, Watchemocket Fire district in the town of East Providence, villages of Ashton, Berkeley, Lonsdale, and Valley Falls in the town of Cumberland, and for small part of the town of North Providence. Total population supplied, about 115 000. Water was first introduced in 1878. The works are owned by the city of Pawtucket, but the mains, etc., in Central Falls and East Providence are owned and maintained by the local authorities. Source of supply, Abbott Run, with impounding reservoir at Diamond Hill. The watershed, of about 26.9 sq. miles in area, largely farm and woodland, is patrolled regularly. About 10.5 sq. miles of the watershed is outside the state and cannot be completely controlled. The water is pumped direct to the mains, with an equalizing reservoir of 20 million gal. capacity. Steam power is used for pumping. Average consumption about 10 million gal. per day. Since February, 1918, liquid chlorine has been used as a disinfectant. The water is of good sanitary quality and usually of good appearance, but occasionally contains considerable amounts of organic matter and has a noticeable color.

Pawtuxet Valley Water Company.

Supply for villages of Phenix, Lippitt and Riverpoint in the town of West Warwick; Harris, Hope and Arkwright in town of Coventry, and Fiskeville in towns of Cranston and Scituate. Population supplied, about 8 400. Works constructed 1887. Source of supply, two impounding reservoirs, with a total capacity of about 285 million gal. The watershed, comprising about 1.6 sq. miles, is mainly farming and woodland, only a small portion of which is controlled by the company. The water is distributed by gravity. The average consumption is about 325 000 gal. per day. The water is of excellent quality and appearance.

Providence.

Supply for cities of Providence and Cranston; for portions of the Lakewood, Lincoln Park, and Pawtuxet districts in the town of Warwick; Manton and Thornton districts in the town of Johnston; and Allendale, Centredale and Lymansville districts in the town of North Providence. Total population supplied, about 295 000. The first water works in Provi-

dence were constructed in 1870. Filtration was introduced in 1905. The water works, including all extensions into other municipalities, are owned and operated by the city of Providence. Source of supply, the Pawtuxet River. The watershed, about 207 sq. miles in area, contains a number of populous, unsewered manufacturing villages from which considerable manufactural waste and more or less fecal pollution reaches the river. The filtered water is pumped to a distributing reservoir with a capacity of 55 million gal. A high-service reservoir, with a capacity of 25 million gal., is supplied by pumping from one of the low-service reservoirs. Steam and electricity are used as power for pumping. The total consumption is about 24 million gal. per day.

The filtration plant is of the covered slow-sand type and consists of ten units, with a total superficial area of 9.8 acres. The water is raised to the level of the filters by electrically driven low-lift centrifugal pumps. The average rate of filtration is about 2 million gal. per acre daily. In May, 1917, apparatus for treatment of the filtered water with liquid chlorine was installed. In July, 1920, decarbonation of the water by treatment with lime was begun.

The city employs a trained chemist and bacteriologist who has general supervision over the purification plant and makes daily analyses of the water. The raw water before filtration usually contains considerable organic matter and more or less pollution, and is subject to considerable fluctuation in quality. After purification the water is of good sanitary quality.

A new supply is under construction which will probably supersede the filtered supply during the summer or fall of 1926. The supply consists of an impounding reservoir with a capacity of 36.9 billion gal. on the north branch of the Pawtuxet River. The watershed, largely farm land, is 92.8 sq. miles in area, of which 23.1 sq. miles are owned by the city. The water will be aerated, treated with coagulants when necessary, passed through coagulation and sedimentation basins, filtered and re-aerated, and flow by gravity to the distribution reservoirs. There will be two coagulation and sedimentation basins with capacities of 31 and 94 million gal. respectively. Filters will be of the rapid gravity type in 10 units, each having a capacity of 4.8 million gal. per day.

Seaconnet Park Water Company.

Supply for Sakonnet Beach, town of Little Compton. Works constructed in 1913. About 200 people are supplied in summer only. Source of supply, a dug well 20 ft. in diameter and 22 ft. deep. The water is pumped by a windmill and gasoline engine to a standpipe with a capacity of 10 000 gal. from which it is distributed by gravity. The consumption is not known. Quality of the water excellent.

Shawomet Water Company.

Supply for Conimicut and Shawomet Beach in the town of Warwick. Works constructed in 1896. The source of supply consists of two drilled wells at Shawomet, 80 and 120 ft. deep, and three drilled wells at Conimicut, 206, 230, and 264 ft. deep. At each source the water is pumped by electric pumps to a standpipe with a capacity of about 12 000 gal. The Shawomet station is operated only in summer. Between 100 and 125 families are supplied in winter and about 600 families are supplied in summer. The amount of water pumped is not known. The quality of the water from both sources is excellent.

Slatersville.

Village in town of North Smithfield. Population supplied, about 135. Works owned and operated by Slatersville Water Company. Water introduced in 1918. Original source of supply, a dug well 12 x 15 ft. in area, 28 ft. deep. In January, 1925, a rapid gravity filter, with a capacity of 25 000 gal. per day, was installed to permit the use of water from Branch River as an auxiliary supply. The Branch River above Slatersville is very completely controlled for power purposes. The watershed, comprising about 91 sq. miles, contains a number of unsewered mill villages. The water is pumped to a standpipe with a capacity of 25 000 gal. from which it is distributed by gravity. Electric power is used for pumping. The original water mains were of wood. These were largely replaced by cast iron in 1925, to reduce leakage, with the result that the consumption was reduced from 18 000 to 8 000 gal. per day. All water pumped is disinfected with liquid chlorine. Quality of water excellent.

State College.

Supply for State College and Agricultural Experiment Station at Kingston in town of South Kingstown. Population supplied during college year, about 450. The sources of supply are a dug well 20 ft. deep, and three artesian wells 80 ft. deep, 200 ft., and 500 ft. deep, respectively. The water is pumped to a standpipe and distributed by gravity. Both steam and electricity are used for power. The consumption averages about 32 000 gal. per day during the college year and about 10 000 gal. per day in summer. The quality of the water is excellent.

Stillwater.

Village of Stillwater in town of Smithfield. Works constructed 1875. Operated by Centreville Worsted Mills to supply mill tenements. About 150 people supplied. The water is obtained by gravity from a spring on the hill above the village. The consumption is not known. The water is of excellent quality.

Stoneleigh Water Company.

Supply for village of Graniteville in town of Johnston. Population supplied, about 300. Works constructed in 1912. The supply is derived from springs flowing into two covered reservoirs with capacities of 23 000 and 77 000 gal. respectively, from which it is distributed by gravity. Two drilled wells, 197 ft. and 412 ft. deep, equipped with windmill and electric-driven pumps, furnish a reserve supply. The watershed is not inhabited. Every service is metered. All water mains are of wood. Average consumption about 3 600 gal. per day. The quality of water is excellent.

Wakefield Water Company.

Supply for villages of Wakefield, Peacedale, and Rocky Brook in town of South Kingstown, and Narragansett Pier in town of Narragansett. Population supplied, about 3 800. Works constructed in 1889. Source of supply, two impounding reservoirs with capacities of 7 million and 31 million gal. on Rocky Brook. The watershed, mainly farm land with considerable swamp, is largely owned by the water company, and is inspected regularly. The water is pumped directly to the mains and to an equalizing standpipe with a capacity of about 371 000 gal. Electricity is used as power for pumping. The consumption averages about 530 000 gal. per day. Since 1919, this supply has been treated with liquid chlorine. The water is of good sanitary quality, but is usually highly colored and contains considerable organic matter.

Wallum Lake.

Supply for State Sanatorium in town of Burrillville. Population supplied, about 450. Works constructed in 1905. Supply is obtained by pumping from Wallum Lake to a standpipe with a capacity of 50 000 gal. Electric power is used for pumping. The watershed has an area of about 24 sq. miles, about three-fourths of which is in Massachusetts. Apparatus for disinfection with liquid chlorine was installed in June, 1925. The average consumption is about 30 000 gal. per day. Quality of water is excellent.

Warwick and Coventry Water Company.

Supply for villages of Washington, Anthony, and Quidnick in town of Coventry; and Arctic, Bakersville, Centreville, Crompton, Phenix, and Riverpoint in West Warwick. Population supplied, about 12 000. Works constructed in 1890. The supply is obtained by gravity from Carr's Pond to a standpipe with a capacity of 485 000 gal. from which it is distributed. The watershed of the pond comprises about 1.3 sq. miles which is almost entirely woodland. The consumption is unknown. The water is of good appearance and quality.

Westerly.

Supply for town of Westerly and part of town of Stonington, Conn. Population supplied, 12 000. Works constructed, 1886. Owned by the town. Source of supply, 136 wells, 2.5 in. in diameter, 40 to 60 ft. deep. Water pumped to two standpipes of 350 000 and 650 000 gal. capacity, from which it is distributed by gravity. Steam power used for pumping. Average consumption, about 850 000 gal. per day. Quality of water, excellent.

Woonsocket.

Supply for city of Woonsocket, Union Village, and Waterford in town of North Smithfield; Manville in towns of Cumberland and Lincoln; and Blackstone and Bellingham in Massachusetts. Total population supplied, about 57 600. Works constructed in 1884. Source of supply, two impounding reservoirs on Crook Fall Brook, with capacities of 35 million and 529 million gal. The watershed is mainly farm land with considerable swamp. The water is pumped direct to the mains, four standpipes in the city, with a total capacity of 3 500 000 gal. acting as equalizing and storage reservoirs. Electric power is used for pumping. The total consumption averages about 3 million gal. per day. Apparatus for disinfecting this supply with liquid chlorine was installed in April, 1921. The water is of good sanitary quality, but usually is of high color and contains considerable organic matter.

NEW WATER SUPPLY SYSTEM AT TAMPA, FLORIDA.

BY NICHOLAS S. HILL, JR. *

[*Read February 9, 1926.*]

HISTORICAL.

Territory Supplied. Tampa, which claims the greatest population of any city in Florida, is located on Tampa Bay at the mouth of the Hillsborough River. The city has enjoyed a continuous and rapid growth throughout the past forty-five years.

The 1920 Federal census gave Tampa a population of 51 608. West Tampa, which immediately adjoins it on the west, had a population of 8 463 in that year. The population of the Tampa water district, which includes Tampa, West Tampa, and environs, was, in 1920, 69 589. The state census of 1925 recorded approximately 95 000 people in old Tampa alone, an increase of 84 per cent. in five years. The estimated population within the present city limits of Greater Tampa is 150 000.

Tampa is a city of substantial industries and resources. That its recent phenomenal growth is not wholly the result of the recent Florida real estate boom, with which all are familiar, is apparent from a consideration of the following figures, all but the last of which are taken from Federal census reports. The figures apply to the population within the old city limits.

Census Year.	Population.	Increase per Decade.
1880	720	...
1890	5 532	668%
1900	15 839	186%
1910	37 782	139%
1920	51 608	37%
1925	95 000	168%

Tampa Water Works Company. Until 1923, when the plant was purchased by the city, the Tampa water district, including Tampa, West Tampa, and environs, was served by the Tampa Water Works Company. At that time, only two and one-half years ago, the population in the district was estimated to be 83 500, but two-thirds of the present estimated population, and the population served 73 500.

The company was organized in 1887 by Messrs. Boardman and Jeter. A thirty-year franchise with a five-year extension privilege was secured. Later, the property passed into the hands of the R. D. Wood Company, who controlled it until the date of its acquisition by the city.

Under the franchise the city had the option of purchase, and for many

* Consulting Engineer, New York City.

years there was agitation and negotiation toward this end. In 1922, after the inauguration of a commission form of government, a plan was agreed upon. Mr. Allen Hazen and the author were selected by the Tampa Water Works Company and the city to represent their respective interests. These two selected Col. William J. Wilgus as the third arbitrator. Based upon their findings, the property was taken over by the city on August 1, 1923, at a cost of $1 350 722.

The company had, in all, three central pumping stations, of which only the third, Station No. 3, was in use at the date of sale.

Pumping Station No. 1 was built in 1888 on the present standpipe lot at the corner of Henderson and Jefferson streets (see Fig. 1). The supply was obtained from local wells, long since abandoned.

Pumping Station No. 2, built in 1889 for the purpose of making available the water of Magbee Spring, was located near the corner of Highland Avenue and Henderson Street (see Fig. 1). This station was obsolete and abandoned at the date of sale, but the water from Magbee Spring was and is still used regularly, after chlorination, in connection with Station No. 3. The spring water is hard and the safe yield only 500 000 gal. per day.

In 1902, Station No. 3 was built opposite Station No. 2, between Highland Avenue and the Hillsborough River (see Fig. 1). Since its construction this station has constituted the principal source of supply. Approximately thirty 10-in. wells have been drilled in the vicinity of Station No. 3. Of these, about 20 were in serviceable condition at the date of sale, the remaining 10 having been abandoned because of the high salinity of the water obtained from them or, in a few instances, because of imperfect construction. Their depth varies from 165 to 328 ft.

In 1916, because of the growth in consumption, which then amounted to 5 million gal. per day, it became necessary to equalize the rate of draft on the wells and also to supplement the supply. A 3.5 million gal. concrete low-level storage and equalizing reservoir was therefore constructed opposite the station, and a new well source was developed at Seventh Avenue and Twenty-fifth Street, 2 miles east of Station No. 3. This was a single 12-in. well 235 ft. deep, operated by a motor-driven centrifugal pump. Other sub-stations of similar design were later constructed in this and other sections of the city in an effort to keep pace with the mounting consumption. The depths of the new wells varied from 235 to 530 ft.

Of a total of 45 wells drilled by the Tampa Water Works Company, but 24 were in use at the time the property was acquired by the city. Of the 24 but few had consistently delivered a water which was suitable for general distribution.

The sanitary quality of the well water was fairly satisfactory, but it was hard and exceptionally high in salinity. The hardness averaged from 250 to 300 parts per million and at times exceeded 700 parts per million. The salinity varied with the rainfall and rate of pumpage. During June, 1922, it reached 1 470 parts per million, expressed as chlorine,

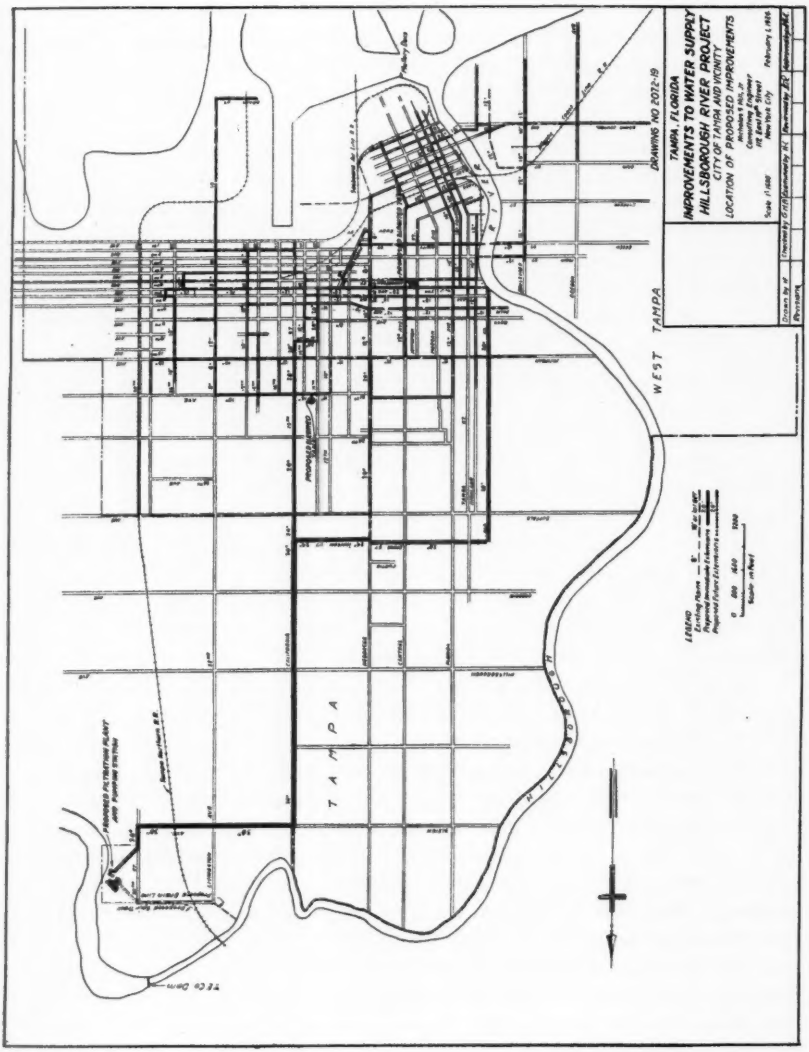

FIG. 1. — MAP OF TAMPA AND VICINITY.

was unpalatable, and bottled water had come into quite general use for drinking purposes.

Report on New Supply.

In 1923 the average daily pumpage from wells was 7.5 million gal. per day. The subsequent increase to 12 million gal. per day in 1925 has forced the city to employ every expedient to avert a famine until such time as a new and adequate supply could be developed and placed in operation.

New Sources Investigated. The city officials were early alive to the necessity of developing a new source from which an adequate volume of water of improved quality could be obtained. As early as 1922, more than a year before the actual transfer of the property, the author was retained to investigate and report upon all available new sources. Exhaustive examinations, extending over a period of 18 months, were made. All possible sources within a reasonable distance of Tampa were studied. The studies involved a survey of ground water conditions, daily flow measurements of springs and surface supplies, surveys to determine the elevation of sources and profiles for transmission lines, as well as the regular chemical and bacteriological analysis of all waters.

Source Selected. As a result of these investigations the Hillsborough River was finally selected for development. The recommendation was based upon the large supply available and the low first cost and operating cost as compared with the other sources considered. The site chosen for the pumping station and treatment plant is 6 miles from the center of town and 0.5 mile upstream from a dam and power plant owned by the Tampa Electric Company (see Fig. 1).

Safe Yield. The drainage area above the point of intake is 535 sq. miles, much of which consists of swamps and entirely undeveloped land. The river is fed by a number of springs, the largest of which, Crystal Springs, flows from 35 to 40 million gal. per day. The dry weather flow at the intake originally was estimated at 50 million gal. per day. Studies of the regimen of the river are still being carried on, and it now appears that the first estimate of the minimum flow may be increased considerably. During the rainy season a flow of 600 to 700 million gal. per day is usual.

The new plant is located near the shore of the lake formed by the Tampa Electric Company's dam. The lake, which is 12 miles in length, impounds 6.5 billion gal. below the top of the flashboards. By securing the right to draw upon this storage, which has slight value for power purposes, the safe yield of the river at the new water works intake may be increased considerably above its minimum flow.

Quality of Water. The sanitary quality of the untreated river water is good. Although softer than all of the other supplies considered, this one also requires softening at some seasons of the year. During the rainy season the swamps overflow and a highly colored soft water results, while

during the dry season, when the flow is mainly derived from springs, the color is low and the hardness high.

The variation in the quality of the water at different seasons may be seen from the following:

	Parts per Million.	
	Rainy Season.	Dry Season.
Color	200	25
Total hardness	25	200
Alkalinity	24	140
Sulphate hardness	1	60
Turbidity	1	0

The relationship between color and total hardness is well illustrated on Fig. 2. The curves cover the period from June, 1923, to September, 1924, during which from 1 to 4 analyses per month were made.

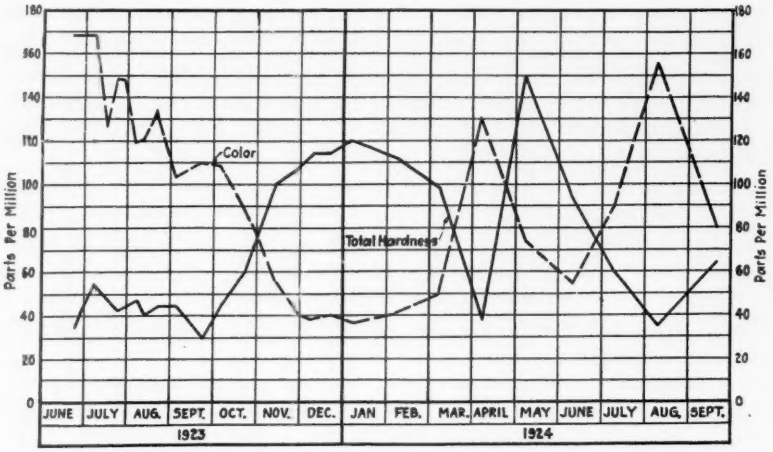

Fig. 2. — Relation between Color and Total Hardness.

Experimental Treatment Plant.

It was early realized that, owing to its widely varying characteristics, the Hillsborough River water would be difficult to handle. In order to determine on the best methods of treatment, an experimental plant having a capacity of 25 000 gal. per day was erected in August, 1924. The photograph, Fig. 3, presents a general view of this plant.

It was equipped with the necessary pumps, six mixing tanks with motor-driven impellers, six-hour sedimentation basin, three carbonating tanks equipped with pipe grids and filtros plates, a gravity filter and a clear well. A series of experiments was carried on to determine the best order of treatment, the minimum quantity of chemicals required to produce results, the proper mixing and detention periods, etc. The plant was

operated until February, 1925, by which time a complete cycle of the water had been studied. In order to overcome a local prejudice against the river water, this plant was open to visitors, and drinking-water stands, placed in certain local banks and a department store, were supplied with the filtered river water.

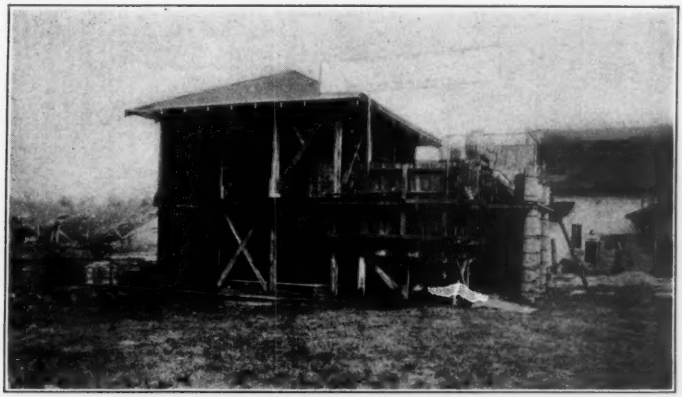

FIG. 3. — EXPERIMENTAL TREATMENT PLANT.

NEW WORKS.

General Description. From a study of the relation between quality and rates of pumpage, it was determined that a supply of approximately 6 million gal. per day could be drawn from the existing wells without securing an excessively hard or saline water. The new plant was, therefore, designed of a nominal capacity of 12–15 million gal. per day, giving a total combined plant capacity of 18–21 million gal. per day of soft water, low in color and in salinity. With the overload capacity and storage the plant will meet peak loads of 25–27½ million gal. daily.

The new works, the construction of which was begun in August, 1924, are just being completed. They comprise an intake, a combined low and high lift pumping station; a treatment plant for softening, decolorizing, recarbonating and filtering the water; a 30-in. cast-iron force main some three miles in length, and three one-half million gal. elevated storage tanks.

The general layout of the pumping station and treatment plant is shown in Fig. 4.

Figure 5 shows a general plan of the plant in more detail and on a larger scale.

In order to facilitate construction and provide convenient delivery for chemicals after completion, a spur track was built from the Tampa Northern Railway, one-half mile distant, to the treatment plant site.

Treatment Processes. As has already been mentioned, two widely

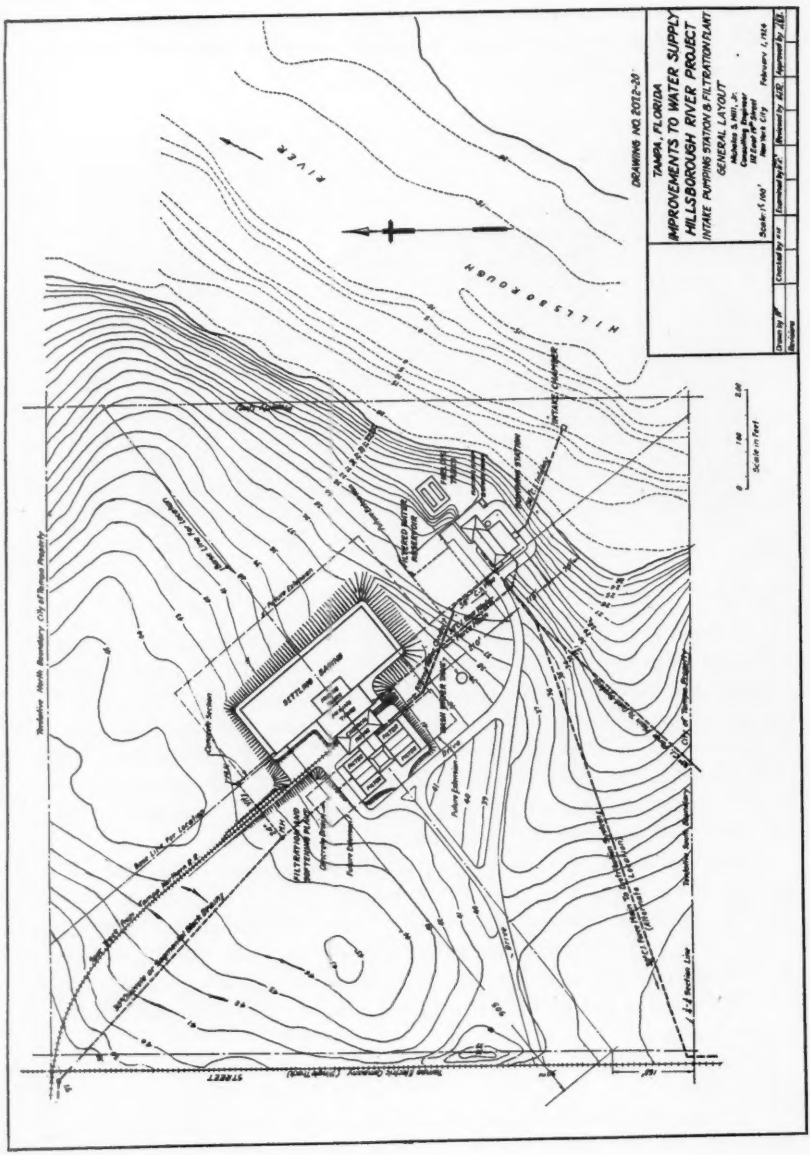

FIG. 4. — GENERAL LAYOUT.

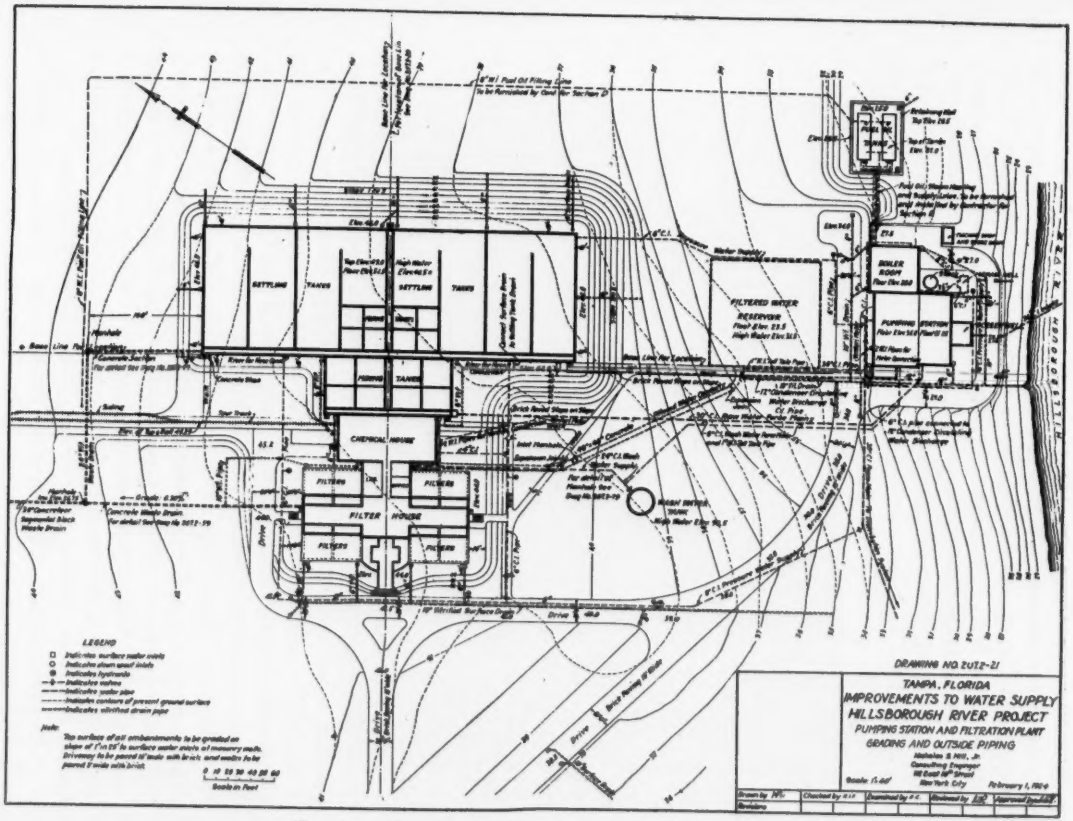

FIG. 5. — GENERAL PLAN OF BUILDINGS AND PIPING.

different waters, together with all intermediate gradations, are met with at Tampa. This requires what amounts practically to two treatment plants in one.

Decolorizing. The most important treatment is that for color removal. Aluminum sulphate and sulphurous acid are used to accomplish this. Heretofore aluminum sulphate alone generally has been used for the purpose. However, this chemical is expensive and when color, ranging from 100 to 200 parts per million is to be combated, the cost is almost prohibitive. By the addition of sulphurous acid, the alkalinity may be neutralized and the hydrogen ion concentration raised to a point where the most complete precipitation of the aluminum sulphate as aluminum hydroxide takes place. As a result, a much smaller amount of aluminum sulphate is required for the complete removal of color than when aluminum sulphate is used alone. Lime or soda ash, added after filtration, again lowers the hydrogen ion concentration and cuts down the amount of free carbon dioxide in the water to a point where the water can be distributed safely without danger of corroding the distribution system.

Softening. During a portion of the year softening is required in addition to the decolorizing treatment. The flexibility provided in the design of the sedimentation basins makes it possible to change readily from a decolorizing to a decolorizing-and-softening plant. By the use of hydrated lime the carbonate hardness is thrown down. If, in addition, the water has a sulphate hardness, soda ash is added to reduce it. The water then passes to decolorizing tanks and basins where aluminum sulphate is added. The aluminum sulphate lowers the causticity due to the addition of the lime, and removes the color. The water then passes to a carbonating chamber.

Recarbonization. It is believed that in recarbonization has been found the solution of one of the most perplexing problems in modern water purification. The demand for soft water has reached such proportions that it cannot be ignored by those responsible for the design of present-day purification systems. This has been recognized in the Tampa plant where, by the introduction of recarbonization, the evils of the usual softening plant have been avoided. Recarbonization eliminates the reprecipitation of calcium carbonate in filter underdrains, distribution system and meters, and the so-called sand growth, and gives a more palatable water. The amount of carbon dioxide introduced can be regulated accurately by the chemist in charge, so that the water, as delivered to the consumer, has the predetermined content necessary to give the most satisfactory water.

Pumping Plant. The pumping plant, of 25 million gal. installed capacity, consists of an intake and a steam-pumping station containing a boiler room and two-level pump room.

Intake Works. A concrete intake chamber, 31 ft. in height was placed in the center of the river channel, in approximately 25 ft. of water. It has three openings controlled by 48-in. sluice gates, and protected by 2 in.

by $1\frac{1}{2}$ in. wrought-iron bar screens. From the intake chamber, the water flows through a 36-in. cast-iron intake pipe, approximately 225 ft. long, to a screen and suction well adjacent to the pumping station. Here one-quarter inch screens, constructed of No. 16 B. & S. gage copper wire, prevent trash from entering the pump suctions. The copper screens are set in gangs of three in cast-iron stop plank grooves. A half-ton hoist is installed for placing and removing screens.

Connections have been provided so that, in the event of any unusual lowering of the water in the reservoir, pumping may be carried on by direct suction from the intake.

FIG. 6. — RIVER NEAR INTAKE.

The photographs, Figs. 6, 7, and 8, show the river near the point of intake and the intake chamber. At the time the photographs were taken the water level was low due to the previous failure of the Tampa Electric Company's dam which has now been rebuilt. The material seen surrounding the intake in Fig. 8 is not the top of a gravel bar, as might be supposed, but floating aquatic plants which abound in the river at certain seasons.

Pumping Station. The pumping station is of hollow tile construction, stuccoed, with red tile roof (see Fig. 9).

The boiler room contains three Babcock and Wilcox water tube boilers, rated at 200 H. P. each. Space is provided for a fourth boiler. Boilers are designed for the use of fuel oil, but are so arranged that a change can readily be made to coal if, in the future, this becomes economically desirable. W. N. Best steam atomization burners and equipment are used. Steam is furnished at 175 lbs. pressure and 100° superheat.

FIG. 7. — INTAKE.

FIG. 8. — INTAKE.

Oil is brought into the plant in tank cars which are placed on a siding about 800 ft. from two fuel-oil storage tanks adjacent to the boiler room, to which the oil flows by gravity through an 8-in. filling line. The tanks, each of 25 000 gal. capacity, are enclosed by a concrete retaining wall, and equipped with steam-heating and steam-smothering lines, temperature regulators, and pneumercator gage for determining the amount of oil on hand.

The low-lift pumps are located on a lower floor of the pumping station. These are two 12.5 and one 6.5 million gal. per day de Laval centrifugal pumps, driven by de Laval steam turbines. They operate against a head of 30 ft., picking up the water from the screen or low-lift suction well, and pumping it to the treatment plant. Two 50 kw. direct connected, non-

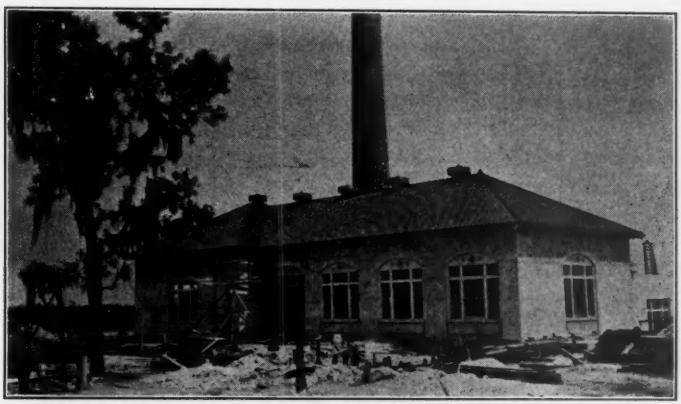

FIG. 9. — PUMPING STATION.

condensing, steam-engine-driven generators, located on this floor, furnish current for lighting the plant and for the various motor-driven equipment. All water piping in the low-lift pump room is carried below the floor in trenches having checker plate covers. This gives unrestricted floor space and an attractive appearance, while at the same time access to piping is not sacrificed.

The high-lift pumps are placed on a mezzanine floor, at ground level and 10 ft. above the level of the low-lift pump room. The present installation consists of two 10 and one 5 million gal. per day de Laval two-stage centrifugal pumps, driven by de Laval steam turbines. The pumps operate against a head of 200 ft.

On this floor are located the gage boards, Venturi meter register, etc. Flow meters and Venturi meters register the volume of steam consumed and water pumped by the low-lift, high-lift and wash-water pumps. In fact, all operations throughout the plant are fully metered. A wash-water stage indicator, together with alarm bell and light and a filtered water reservoir stage indicator, are also located on this floor.

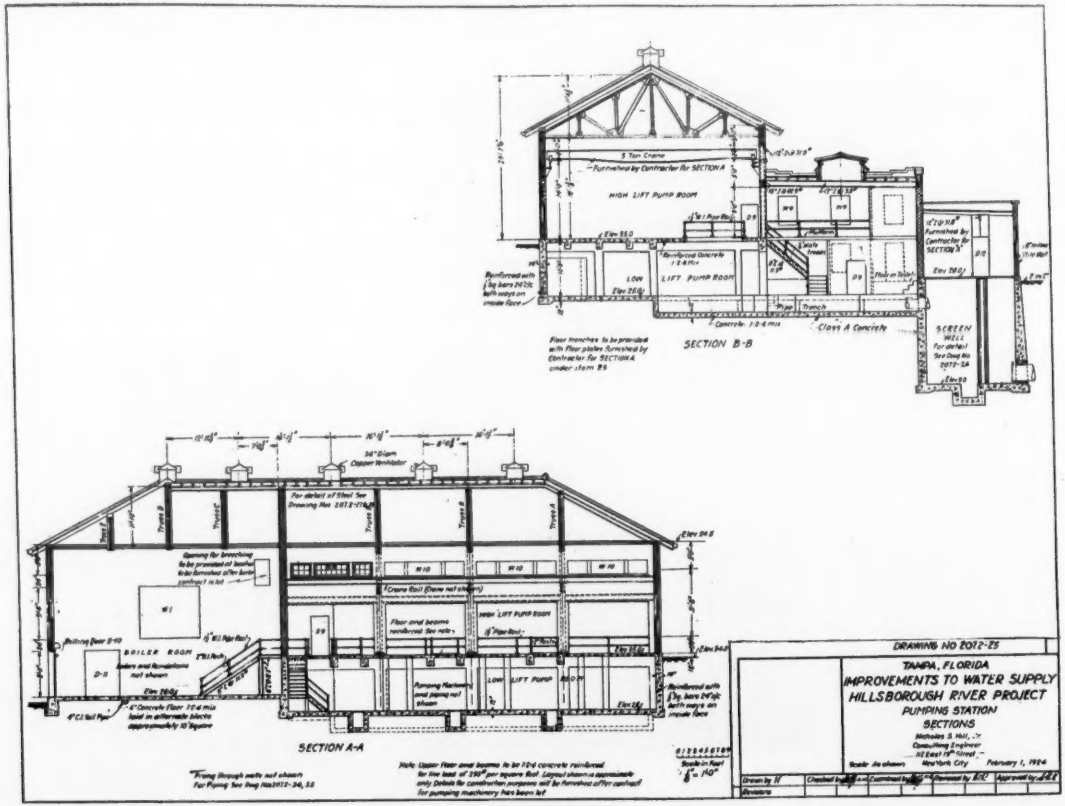

FIG. 10. — SECTIONS THROUGH PUMPING STATION.

The space on the lower level underneath the mezzanine is devoted to the condensers and wash-water pumps. Three Wheeler surface condensers, equipped with steam jet air pumps capable of maintaining a 28-in. vacuum, are used. Each of the three condensers receives the exhaust from a high and a low lift pump. Cooling water for the condensers is taken from the low-lift pump discharge. As the temperature of the river water closely approximates that of the air, it was felt that it would be undesirable to still further increase the temperature of the water supplied to the city. For this reason, the cooling water after leaving the condensers is carried to a sewer and wasted. Duplicate 350 gal. per minute water motor-driven wash-water pumps have been installed. These are automatically controlled by Ross regulator valves operated by water pressure from the wash-water tank.

The pumping station is so arranged that from the high-lift floor the engineer can watch the operation of the entire pumping plant. The low-lift pumps and generators on the lower level are in full view of the operator. Operations in the condenser room may be seen through openings in the mezzanine floor. All gages are located on or plainly visible from this floor.

Figure 10 shows a longitudinal and transverse section through the pumping station. Figure 11 is a plan of the pumping equipment and main piping. Figure 12 is a photographic view taken from the floor of the low-lift pump room. It shows the high-lift pump room above and the condenser room below the mezzanine floor.

Treatment Plant. The treatment plant of 12–15 million gal. initial rated capacity has been designed so that by the addition of new units the capacity may readily be enlarged to 36 million gal. daily without impairing the symmetry. The plant comprises mixing tanks and sedimentation basins, chemical house, filter house, gravity mechanical filters, and a filtered water reservoir.

Mixing Tanks. Eight lime-mixing tanks, each 24 ft. square, and eight aluminum sulphate mixing tanks, each 18 ft. 8 in. square, have been constructed. Each mixing tank is provided with a bronze impeller set in a 14-in. draft tube and operated by a one-horse-power motor. Each motor is controlled by an individual switch. As no covering is provided for mixing tanks or sedimentation basins, the motors are protected by copper hoods. Two mixing tanks, separated by a top baffle, are always used in series. The chemical solutions enter the mixing tanks through an orifice box provided with brass orifice plate, so as to give equal dosage to all tanks in use.

Sedimentation Basins. Two lime-settling basins, each of one million gal. capacity or sufficient to give a 4-hour detention period when operating at the normal rate, and two decolorizing basins, each three-quarters of a million gal. capacity, giving a detention period of three hours, are provided (see Figs. 13, 14, and 15). As previously stated, these basins can be used either in series or in parallel.

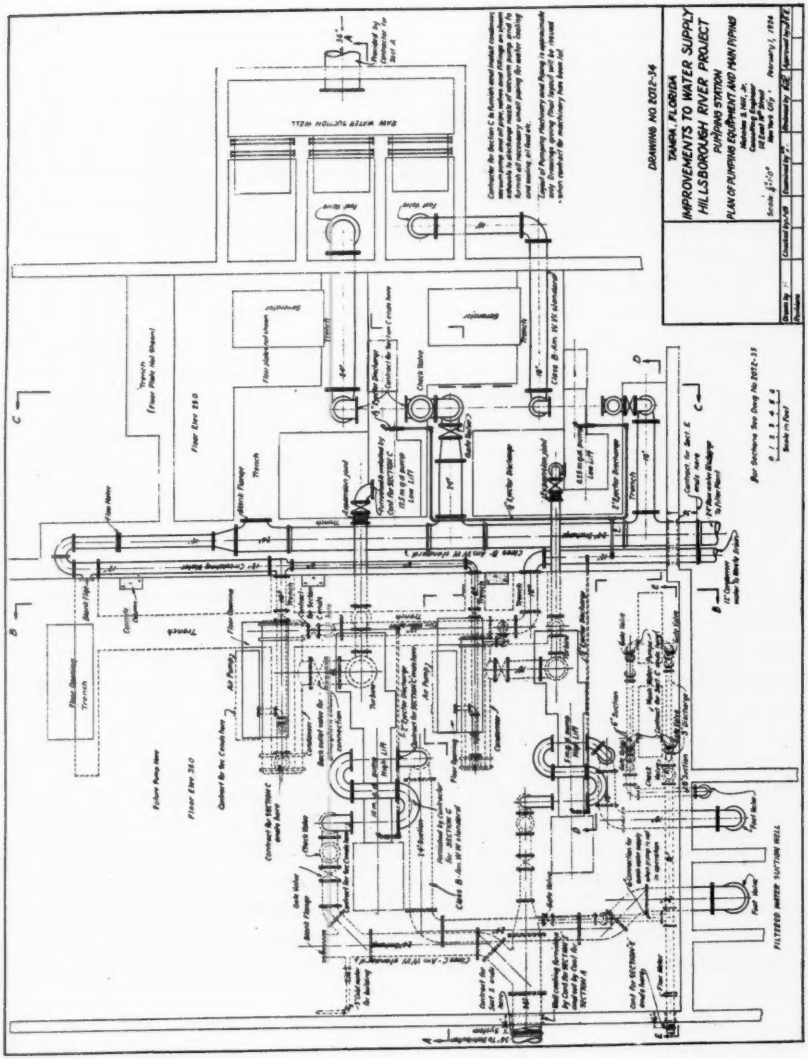

FIG. 11. — PLAN OF PUMPING EQUIPMENT AND MAIN PIPING.

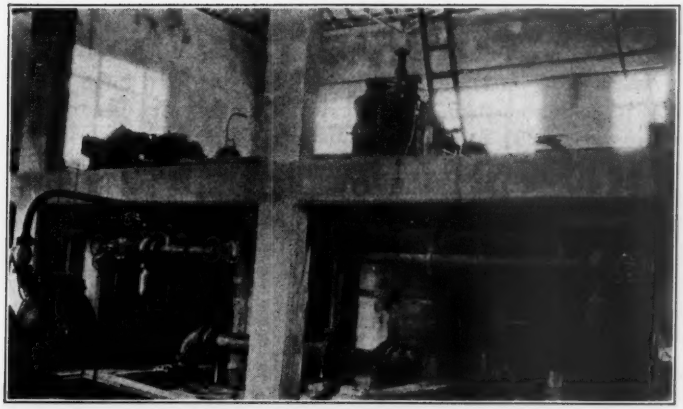

FIG. 12. — INTERIOR OF CONDENSER ROOM.

FIG. 13. — PLANT DURING CONSTRUCTION.

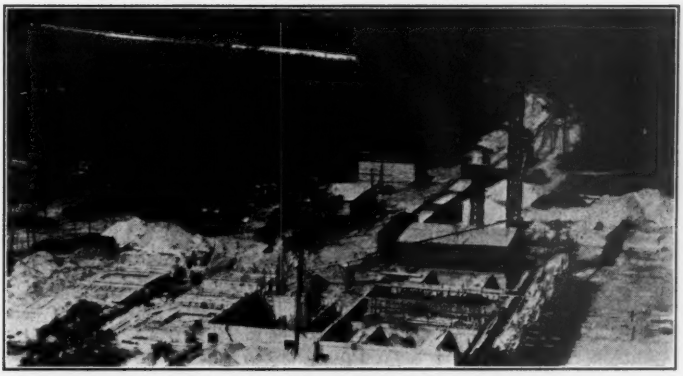

FIG. 14. — SETTLING BASIN.

A novel sludge drainage system has been installed as indicated on Figs. 16 and 17. Through the first half of each settling basin, a series of lateral drains, consisting of 6-in. vitrified bell and spigot pipe tees, have been laid in the floor of the basin, with the branch of the tee pointed up and set flush with the finished floor. A 6-in. vitrified plug, with a 1-in. orifice, was placed in each bell. Sloping concrete ridges separate the rows of pipe. The underdrains are connected up to the headers at the side of the basin which collect and discharge from sections consisting of five lines of underdrains. Each header is controlled by a gate valve and discharges into a 12-in. cast-iron pipe leading to the sewer. By opening the gate valve, the water in the basins is utilized to flush out the sludge which has been deposited over the bottom of the basin.

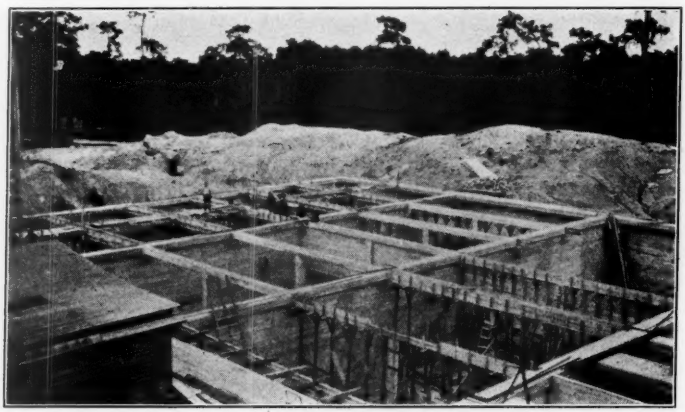

FIG. 15. — SETTLING BASIN.

An interesting feature of the sludge drainage system is that it may be backwashed with water under moderate pressure so that if the sludge surrounding the drains becomes hard or caked it may be loosened. As a great portion of the sludge is deposited in the first half of the basins, it was not considered necessary to continue this construction through the second half. A 4-in. flushing line with hose nozzles has been provided for cleaning this portion of the basins.

Conduits. Because of the wide variations in the character of the water to be treated, a great deal of attention was given to the attainment of flexibility in operation so that any order or combination of treatment would be possible. This flexibility is secured by means of an additional conduit serving the various mixing tanks and settling basins, together with additional inlet and outlet openings controlled by stop planks.

Figure 17 shows the construction used. One wall along the mixing tanks and settling basins has been made double and contains a bank of four conduits. The upper or raw-water conduit conveys the raw water to any

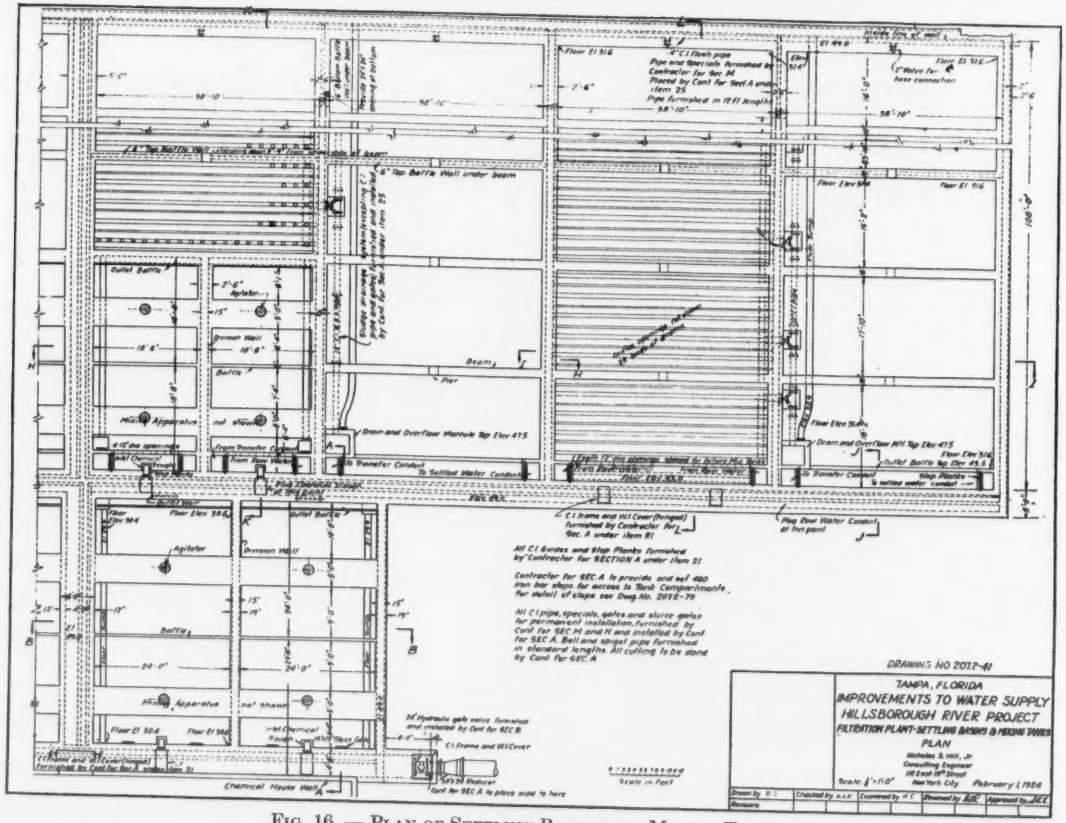

FIG. 16. — PLAN OF SETTLING BASINS AND MIXING TANKS.

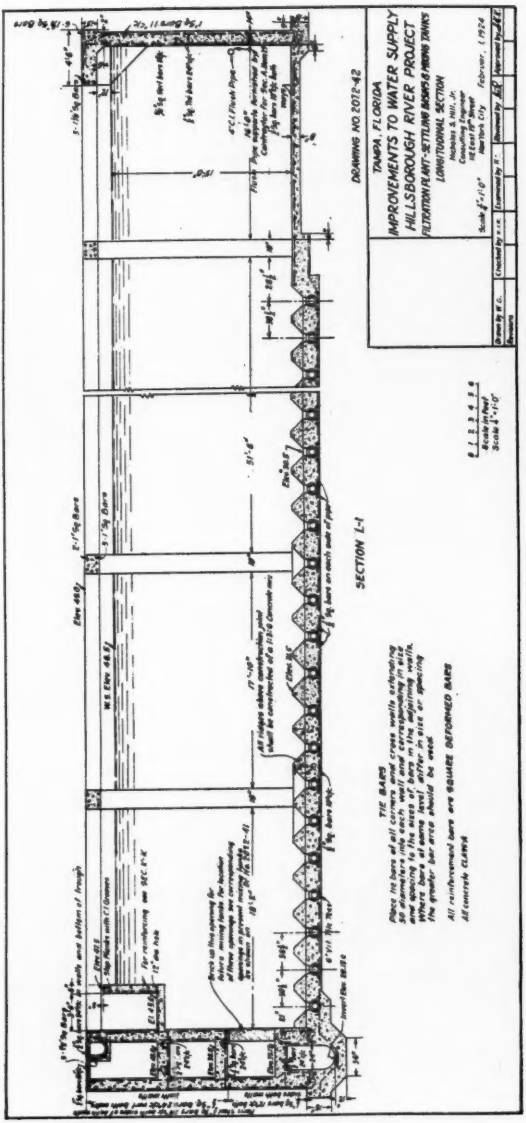

FIG. 17. — SECTION THROUGH SETTLING BASINS AND MIXING TANKS.

group of mixing tanks, as desired. The second, or settled water conduit, conveys the settled water to the filters. The third, or transfer conduit, is so arranged that water may be taken from any one settling basin and discharged into any other basin. In this way basins may be used in parallel

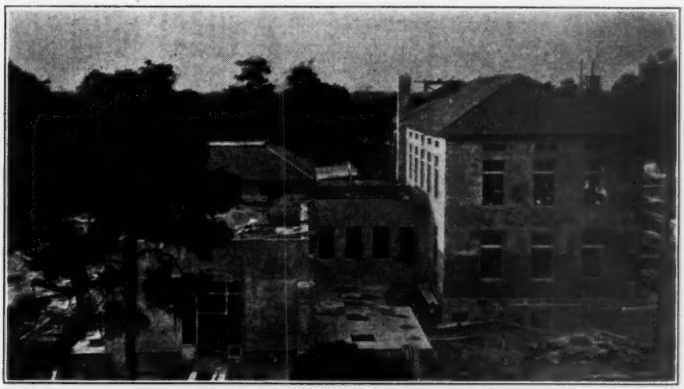

FIG. 18. — FILTER AND CHEMICAL HOUSE.

or in series. The lowest conduit leads to the sewer and is used to dispose of the accumulated sludge.

In the top of the upper conduit, 12-in. and 15-in. half round tile pipes, encased in concrete, have been placed (Fig. 17). These conduits convey

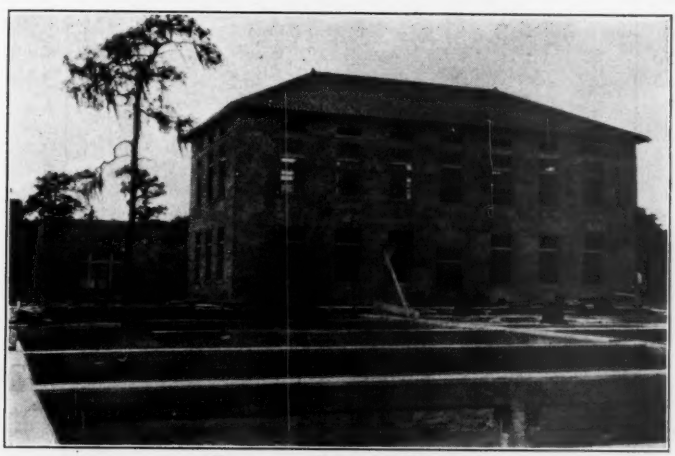

FIG. 19. — CHEMICAL HOUSE.

the chemical solutions to any desired mixing tank. Access to the troughs is provided at frequent intervals by checker plate covers.

Chemical House. The chemical house is a two-story reinforced con-

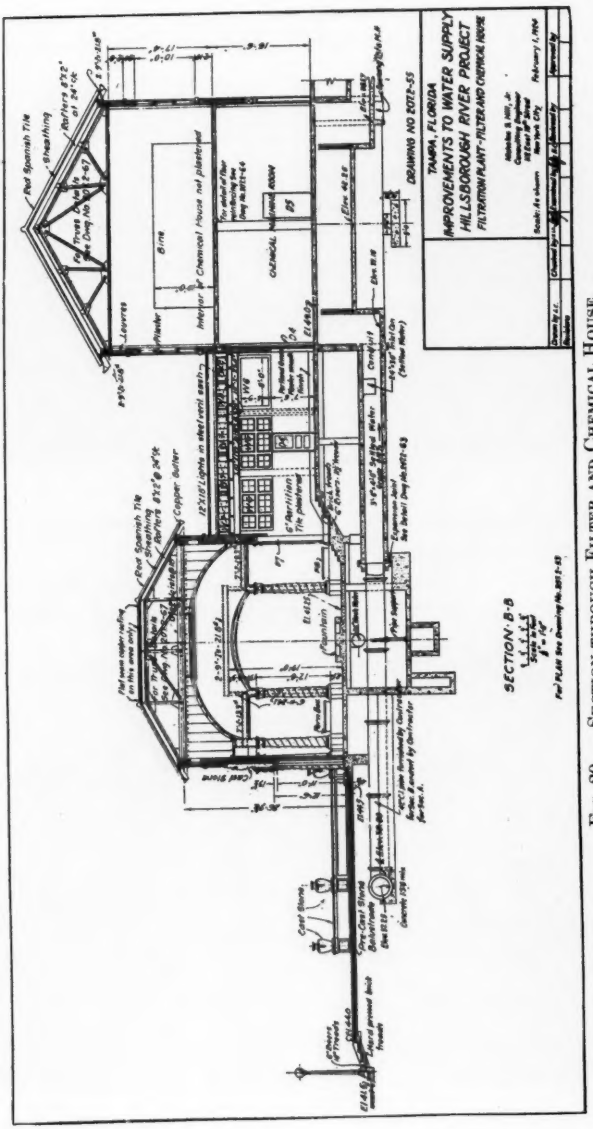

FIG. 20. — SECTION THROUGH FILTER AND CHEMICAL HOUSE.

crete structure with stuccoed, hollow-tile curtain walls and red tile roof (Figs. 18 and 19). On the lower floor (Fig. 20) are located the unloading room, retort room, and chemical feed room. The second floor is devoted to chemical storage and handling. Freight cars, bearing aluminum sulphate, soda and lime, are brought directly into the building. Sulphur and coke are stored in track bins just outside. Chemicals in bulk are taken to the upper floor in a bucket conveyor and discharged directly into the storage bins, which are of concrete and have a capacity sufficient to hold one month's supply. A hydraulic elevator is provided for chemicals arriving in containers. A Koppel industrial railway, with track scale and

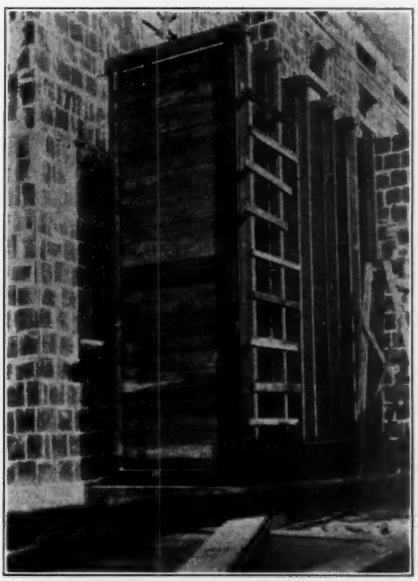

FIG. 21. — ABSORPTION TANK.

side discharge car, handles chemicals between storage bins and hoppers. Ventilation in this room has been taken care of by large copper louvers, protected by bronze grills.

On the east side of the room, and directly over the chemical feed machines, six concrete hoppers are suspended from the floor. Two are for lime, two for aluminum sulphate, and two for soda ash. Each hopper will hold at least one day's supply of chemicals. Discharge of the chemicals from the hoppers is regulated by Link-Belt bin gates.

The chemical feed room contains six motor-driven Gauntt dry feed machines located directly under the concrete hoppers. The metal hoppers on the feed machines fit tightly to the bottoms of the concrete hoppers, thus eliminating dust at this point. The machines are of the manually

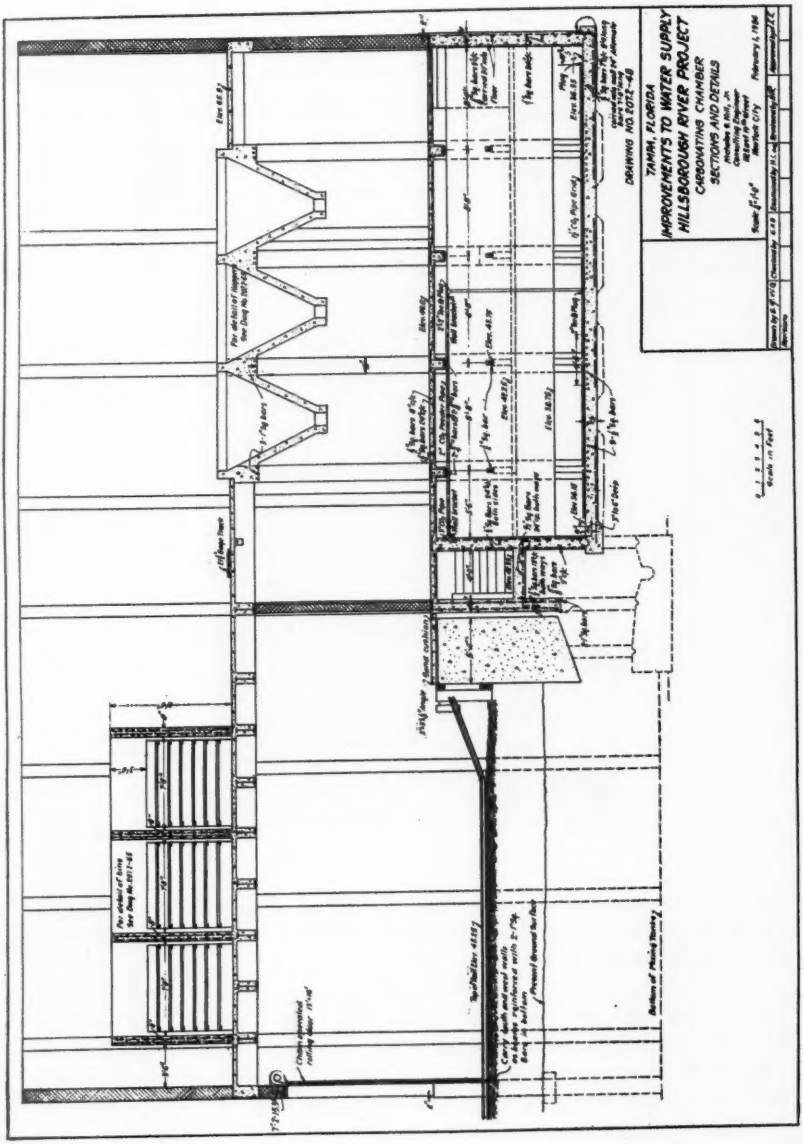

FIG. 22. — CARBONATING CHAMBER.

controlled type and are in duplicate, two of 1 000 lbs. per hour capacity for lime, two of 500 lbs. per hour capacity for alum and two of 500 lbs. per hour capacity for soda ash. Each pair is set over a concrete trough with water flowing through it. Untreated water is pumped through the troughs by means of two water-motor-driven pumps. The water motors are operated by water from the city supply which is discharged into the filtered water conduit. A flow meter registers the water used for this purpose. The concrete troughs under the machines act as dissolving boxes for the chemicals and the water conveys them to the point of application. Troughs inside the building are open at the top for inspection and cleaning.

The retort room is adjacent to the unloading platform. Sulphur dioxide and carbon dioxide are made here. Sulphur is burned in two Shutte and Koerting burners, of a rated capacity of 35 lbs. of sulphur per hour, forming sulphur dioxide gas. An electrically driven Allen and Billmyre blower is used in connection with the combustion of the sulphur. The gas is cooled in a water-jacketed manifold from which it passes to the absorption tank, a 17-ft. by 5-ft. by 12-ft. deep cypress tank located outside the building (Fig. 21).

The gas enters the upper compartment of this tank, which is baffled. Water is then sprayed through it by Shutte and Koerting spray nozzles. The gas dissolved in the water forms sulphurous acid which is stored in a tank below the absorption chamber. The acid is conveyed through lead-lined pipes to a vitrified orifice tank, located at the side of the alum troughs in the chemical feed room. Acid is introduced into the same chemical trough with the aluminum sulphate.

The carbon dioxide equipment was furnished by the Carbondale-New York Company and consists of a coke furnace with a maximum capacity of 1 200 lbs. per day, a scrubber, and a small compressor. The amount of air admitted to the furnace can be altered as desired, and by means of a carbon dioxide recorder located on the wall the process of recarbonization is readily controlled. The gas is applied in a carbonating chamber located under the chemical feed room (Fig. 22). This chamber consists of a baffled compartment with a $1\frac{1}{2}$-in. pipe grid placed along the floor. It is believed that more satisfactory results will be secured with the pipe grid than with the filtros plates, heretofore used. A baffled mixing tank for soda ash is also located below the chemical feed room.

Filter House. The filter house is a one-story hollow-tile and stucco building (Fig. 23). A great deal of attention has been given to the architectural details of this building and, in fact, to the entire plant, which is located in a 55-acre city park. The Moorish-Spanish architecture prevailing in the public building in Tampa has been adhered to. The building extends over part of the filters only. The portion outside the building walls has been treated as an open terrace, with what appear to be panelled concrete walls. Brick-paved steps and a walk leading to a terrace form the approach to the main entrance. The terrace is enclosed by a cast-stone

balustrade and is set off by stone benches and plantings. Cast-stone urns are set on the balustrade posts. The trim around the doorway is of cast stone. Inside the operating gallery a very attractive appearance has been attained by eliminating the usual roof trusses and placing suspended arched ceilings. These ceilings and the walls are of grey gypsum plaster with monitors and large windows, making the gallery light and cool.

In the design of a plant to be located in a semi-tropical zone it was imperative that great attention be paid to securing cool, well-ventilated buildings. This has been done at Tampa by the construction of double roofs throughout the plant and by the careful arrangement of ventilators, monitors, and large windows. The results obtained in the lobby and

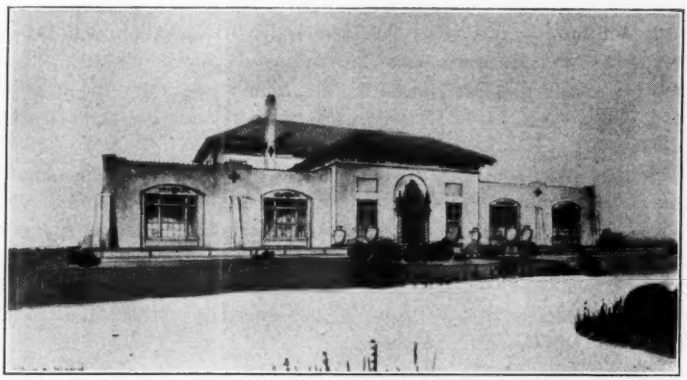

FIG. 23. — FILTER HOUSE.

operating gallery are striking. The appearance is entirely dissimilar to the usual filter gallery, impressing one as a cool, spacious stone corridor. Utility, however, was not sacrificed to obtain this effect, and the added cost for the treatment was negligible.

Low parapet walls enclose the filters, upon which are set cast-stone spiral-twisted columns. These columns are utilized to conceal the structural steel columns, rain-water leaders, and electric wiring. In the entrance lobby is located a low fountain decorated with colored *faience* tile. Two cast-stone lion's-head wall fountains, set in recesses bordered by colored *faience* tile, are placed on the rear wall on either side of the doorway leading to the offices and the chemical house.

Laboratory and Offices. By means of a corridor the filter gallery and the chemical house are made into what is really one large building (Fig. 26). Along the corridor are located the laboratory, office, chlorine room, and lavatories.

The office of the Superintendent of Filtration is located so that with but a few steps he may oversee the entire plant operation. The laboratory

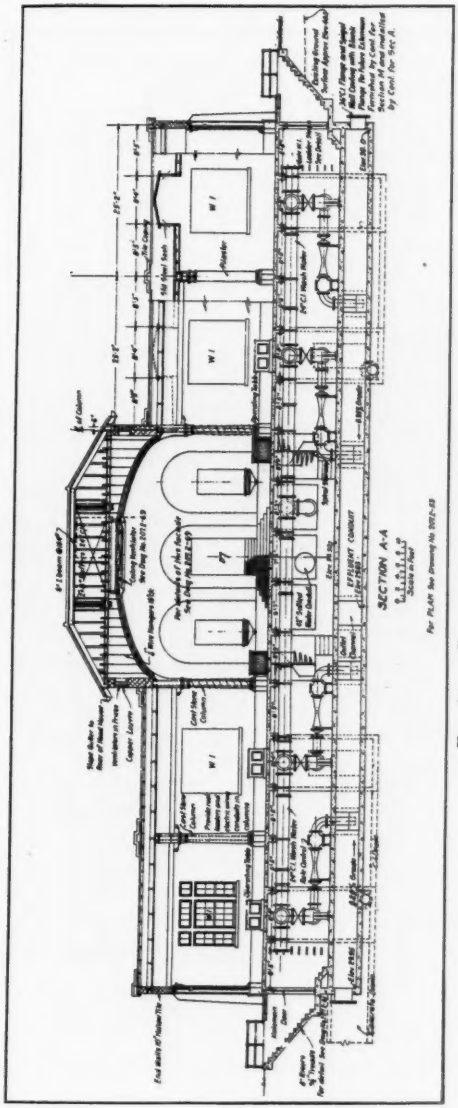

FIG. 24. — SECTION THROUGH FILTER HOUSE.

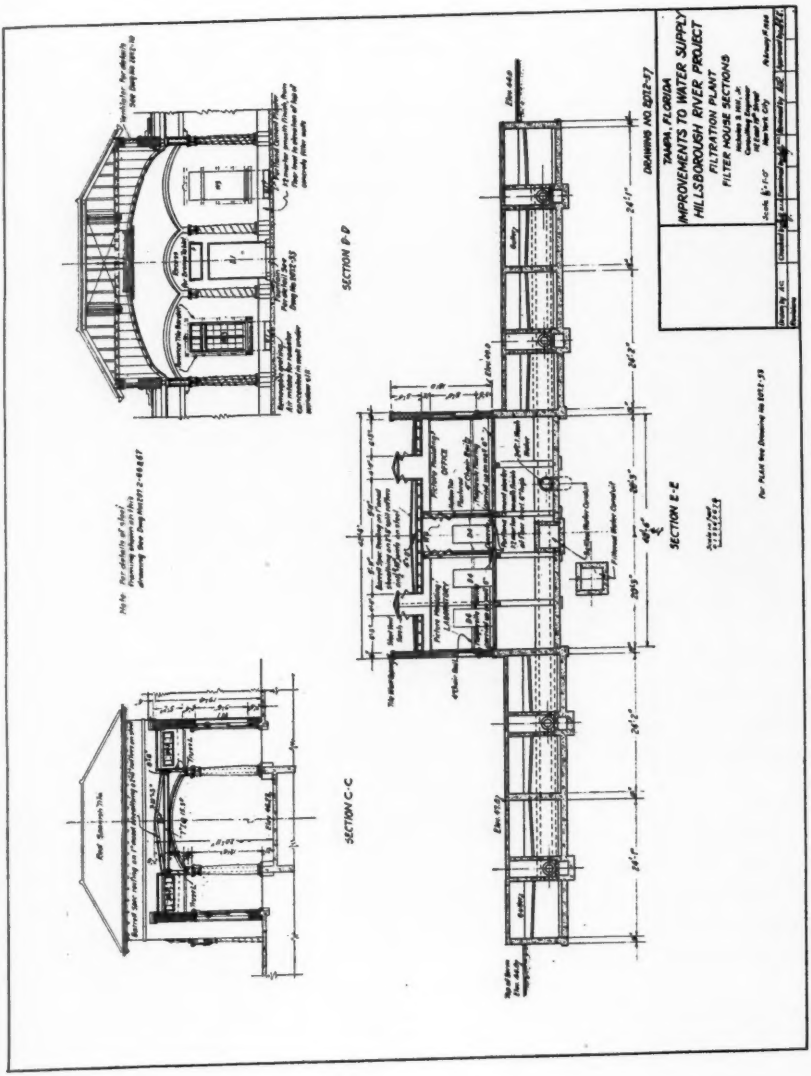

FIG. 25. — FILTER HOUSE SECTIONS.

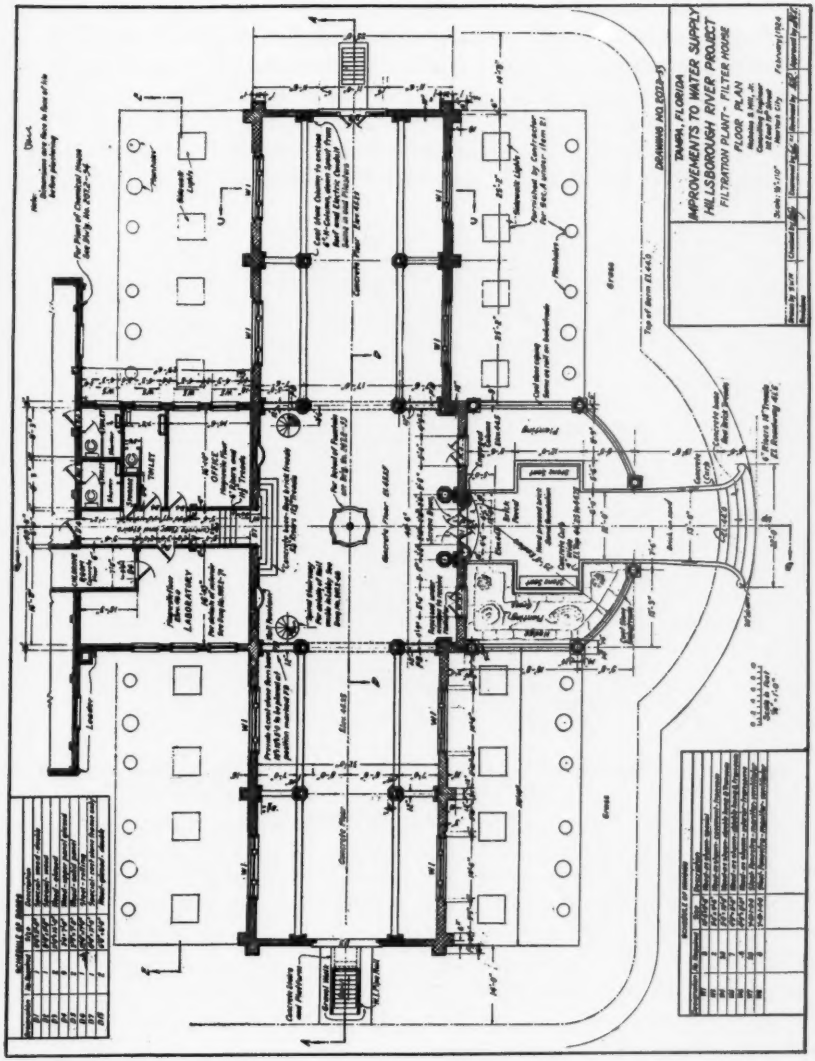

FIG. 26. — FILTER HOUSE — FLOOR PLAN.

is directly across the hall. The entire filter gallery can be seen from the corridor. An alarm bell and light located there indicate the level of the water in the wash-water tank.

At the other end of the corridor is located the chlorine room and chemical feed room. The raw-water Venturi-meter register, and other recording apparatus, are also located there. The retort room, chemical storage room, mixing tanks and settling basin are close at hand. The chemist in the laboratory also shares this central location.

The laboratory has been planned to afford a compact and convenient arrangement of the laboratory apparatus. Lighting and ventilation here

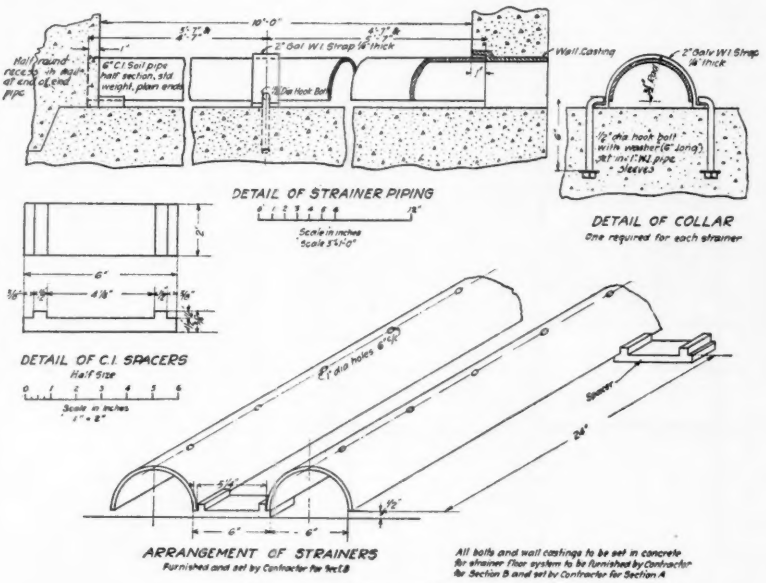
DETAIL OF STRAINER PIPING
DETAIL OF COLLAR
One required for each strainer
DETAIL OF C.I. SPACERS
Half Size
ARRANGEMENT OF STRAINERS
Furnished and set by Contractor for Sect. B
All bolts and wall castings to be set in concrete for strainer floor system to be furnished by Contractor for Section B and set by Contractor for Section A

FIG. 27. — STRAINER SYSTEM.

and in the offices are taken care of by means of large window openings and roof monitors. Corridor sash allows ventilation across the entire width of the building. This, together with the double roof, should add greatly to the comfort of the occupants.

The chlorine room contains two Wallace and Tiernan vacuum type M.S.V. chlorinators, feeding chlorine directly into the filtered water conduit which passes underneath the room.

Filters. Eight concrete gravity filters, having a normal capacity of 1.5 to 1.75 million gal. each, are included in the present installation.

The influent to the filters is carried in concrete ducts along their outside walls, thus relieving the pipe gallery of that much of large piping. The filters are built in two sections, having a combined area of 600 square ft.

The sections are separated by a deep, central trough which serves the double purpose of an inlet for the settled water and an outlet for the wash water.

Perhaps the most interesting feature of the filters is the strainer system. Half round 6-in. diameter cast-iron pipes are used for this (see Fig. 27). These are raised above the floor by lugs cast on the bottom of the pipe, thus forming practically a continuous horizontal orifice, $\frac{1}{2}$-in. wide on both sides of the pipe. Small holes in the top at each of the pipes provide for the release of entrained air.

Seven layers of gravel, varying in size from $2\frac{1}{2}$ in. to $\frac{1}{16}$ in. in size and totalling $18\frac{3}{4}$ in. in depth, cover the lateral pipes. Thirty inches of sand,

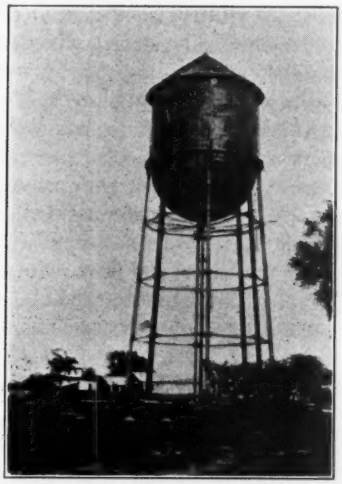

FIG. 28. — WASH WATER TANK.

having an effective size of approximately 0.4 millimeter and a uniformity coefficient of approximately 1.6, surmount the gravel.

The wash-water troughs are of concrete having half-round upper edges. Operating tables of Tennessee marble with slate tops are set directly in front of each filter. All filter valves are hydraulically operated and controlled from the operating tables, on which are placed the valve position indicators and the dials for the rate of flow, loss of head, and recording gages.

Beneath the operating gallery is located the pipe gallery. Access to the gallery is had by means of two ornamental iron spiral stairways from the lobby and by outside entrances at each end. The pipe gallery is interesting in having unobstructed passageways and freedom from a large amount of complicated piping. The wash-water pipe is suspended from the ceiling beams.

The wash water, which is stored in a 100 000-gal. elevated tank (Fig. 28), is controlled by means of a Ross pressure-reducing valve.

Simplex controllers are used to control the rate of filtration. These discharge into control chambers located adjacent to a concrete filtered water conduit below the pipe gallery floor. The conduit carries the filtered water to the clear-water basin. Concrete sewers, installed underneath the pipe gallery, carry the waste water from washing and rewash to a 30-in. segmental block sewer which discharges into the river below the dam almost a mile from the plant.

Filtered Water Reservoir. The filtered water reservoir is a covered basin of one-half million gal. capacity. It is 94 ft. square and divided into two compartments by an end baffle wall. Inlet and outlet manholes are connected by a 36-in. cast-iron pipe allowing the water to be by-passed around the basin. From the filtered water basin, the water flows to a suction well adjacent to the pumping station where it is picked up by the high-lift pumps and pumped directly into the distribution system.

Landscaping. The new plant is located in the center of a wooded park embracing 55 acres, with about 2 000 ft. of lake frontage. Plans for the development of the park with roads and tropical plantings have already been made. A park boulevard linking it with a riverside drive and other city parks is also contemplated. It is expected that the water-works plant and park will be one of the show places in Tampa.

Terraces surrounding the basins and filter plant have been laid out so as to dispose of all surplus dirt removed from the excavations. These terraces will be planted with grass, and tropical shrubbery and plantings will be set out.

Transmission and Distribution of Water. A 30-in. cast-iron force main, approximately three miles long, carries the water into the city proper. The main divides, upon reaching the built-up section, into two 24-in. lines, which parallel each other about one-half mile apart. Such necessary reinforcements of the old system as were required to give the proper distribution of water have been made.

Three elevated tanks, each of 500 000 gal. capacity, have been erected in different sections of the city, thus equalizing pressures and reducing the peak loads on the plant.

Fire Service Supply. The old 3.5 million gal. low-level covered concrete reservoir, previously referred to and adjacent to pumping station No. 3, will be used to store a water reserve for fire protection. Two motor-driven centrifugal fire pumps, each of 5 million gal. per day capacity, have been installed in station No. 3. One of these pumps will be started as soon as a fire-alarm signal is received, drawing water from the reservoir and pumping into the distribution system. The development of excess pressures on the distribution system is prevented by the use of a Ross relief valve placed on a by-pass between the suction and the discharge of the pumps.

Provisions for Extensions. The entire works have been laid out and designed with particular attention to the making of extensions. Estimating the future population of Florida cities is an uncertain undertaking because

of the enormous growth now taking place. For this reason, the plant was first planned of a capacity of 36 million gal. per day. The present installation was then designed as a part of the ultimate development. Conduits and pipe lines were, in general, laid to take care of the enlarged plant. Foundations in the pumping station and boiler room were constructed for units to be installed later, and foundations for small pumps included in the present installation were designed to take care of larger units to be installed at a later date.

In the settling basins provision has been made to convert certain portions of the basins into mixing chambers without alteration of existing structures. Conduits have been provided where required for the enlarged plant, although not necessary at present. Openings have been left in concrete walls and bricked up so that no expensive cutting will be necessary during enlargements. Sewers, leading from both settling basins and filters, have been constructed of concrete of the same cross sections as found under the structures. Upon enlargement, structures may be built over the sewers without interfering with operation. Similar provisions are found in the filters and clear-water basin. Keyways and dowels have been left in walls. A temporary closure of conduits or basins later to be extended or increased in size has been made by bricking up openings or by use of flanged pipe and blank flanges.

Conclusion. In closing, a summary of the points in which this plant differs from the usual water-works development may not be out of place. First, particular attention to the architectural details, providing exceptional ventilation and lighting and combining utility with beauty; second, the manufacture and use of sulphurous acid and carbon dioxide gas; third, a new type of filter strainer system; fourth, a simple sludge disposal system; fifth, centralization and convenient control both in the pumping station and the filtration plant; sixth, an unobstructed pipe gallery; and seventh, comprehensive provisions for the future extensions.

The construction of the plant was carried on under fifteen separate contracts. The concrete and building work was performed by the Gauger-Korsmo Construction Company of Memphis, Tenn. The filter and chemical apparatus was furnished by the American Water Softener Company of Philadelphia, Penn. Pumps, boilers, and pumping station piping were furnished and installed by Burford, Hall and Smith of Atlanta, Ga. Cast-iron force and distribution piping and the main waste sewer from the plant were laid by Benjamin Thompson of Tampa, Fla. The elevated tanks were furnished and erected by the Chicago Bridge and Iron Works of Chicago, Ill. The pumping station chimney was built by the Alphons Custodis Chimney Construction Company of New York City. Cast-iron pipe and fittings were furnished by the United States Cast Iron Pipe and Foundry Company. All valves were furnished by the Iowa Valve Company of Oskaloosa, Iowa. The spur track was laid by the Seaboard Air Line Railway Company. The foundations for one of the elevated tanks were constructed by George Binger of Tampa, Fla.

The preparation of plans and specifications for the plant was in charge of my associate, Mr. Horace H. Chase, in collaboration with my partner, Mr. Stuart K. Knox, and my associate, Mr. A. T. Ricketts. Mr. George H. Buck of my staff was resident engineer and was assisted in the field by Mr. E. L. Hyde and Mr. A. J. Barclay. Mr. Chase has also had general supervision of construction. The preliminary chemical and biological work was in charge of my laboratory.

Discussion.

Frank A. Marston.* I would like to express my appreciation of Mr. Hill's courtesy in giving us this excellent paper.

It was my privilege in January, 1926, to visit the Tampa plant, and I was much interested in the provisions made to give flexibility in operation. It has been well provided for, and I think Mr. Hill is to be commended for the excellent plant that he has laid out. It is, also, very attractive; in fact, as it stands today it is one of the most attractive filter plants in the State of Florida. Various features of the plant which he has called attention to are of special interest to those who have such plants to design.

There are one or two things in particular which attracted my attention, one being the mixing tanks. The scheme provides motor-driven propellers to agitate the water. It has been found in certain cases that after once agitating water with alum, it should not be agitated violently again, but I notice that the mixing tanks are, as it were, in pairs, one propeller agitating the water and chemical, and then after passing under a baffle, the water is agitated in a similar manner the second time. I assume that the time interval is so short that the second agitation will not have any objectionable effects; but I would like to raise a question as to whether Mr. Hill has experimented to see the effect on alum floc by that method of agitation.

Another question occurs to me. What is the ratio of the area of the waterways in the under-drainage system of the filters to the net area of the sand? We are in the habit of thinking the ratio should be about 0.3 or 0.5 of 1 per cent. for a perforated pipe system. It would be interesting to know what the proportion is in the Tampa under-drainage system.

Mr. Hill. In answer to the first question, the results we have obtained at the experimental plant seem to indicate that the secondary agitation with the water we had to treat produced better results, and we could use a smaller amount of chemical by so doing, but we also have designed with a view to making it unnecessary to have secondary agitation if we find it advisable not to do so.

With regard to the other question, I cannot answer you offhand, but I will say this: that the proportion is very much larger than in the ordinary grid. I could not give you a definite figure without consulting my notes.

* Of Metcalf & Eddy, Consulting Engineers, Boston, Mass.

THE OPERATION OF THE MASSACHUSETTS "WATER LIEN" LAW.*

In view of certain complexities in the collection of water rates under the so-called "Water-lien" law (Chapter 391, Acts of 1923, as amended by Chapter 413, Acts of 1924), the Chairman of the Water Commissioners of the city of Springfield, Hon. Edwin A. Blodgett, requested the City Solicitor, Charles N. Beckwith, Esq., to give specific advice regarding the powers of the Water Commissioners in enforcing this law and the methods of procedure. As these questions have doubtless been a matter of concern to other water-works officials, their discussion is likely to be of general value. The questions submitted and Mr. Beckwith's replies are, therefore, given here, together with a copy of the law, and certain forms which have been used in connection with its application in Springfield and other cities.

Question 1. Do the words "rates and charges . . . for supplying water" (in Section 42A) and the words "rates and charges for water supplied" (in Section 42B) include bills for water only, or also bills for labor and materials (making service connections, installing meters, repairs, etc.), and annual balances due upon guaranty-petitions for main-pipe extensions? (Guaranty-petitions are signed by supposedly responsible property-owners, — in some cases by only one guarantor and in other cases by a number of guarantors, — for the purpose of extending main water pipe to opposite their property; and provide for annual payment of proportionate balances due for amounts of guaranteed revenues not met by actual revenues for a current year; and such guaranties are treated as personal agreements, to be cancelled when the total water revenues from consumers first equal the total amount of the guaranty.)

Answer. The Act provides that "if the rates and charges due to a city . . . for supplying water" remain unpaid, they shall constitute a lien on the real estate. Also "such lien shall take effect upon the filing for record in the Registry of Deeds . . . of a statement . . . that the rates and charges for water supplied . . . have remained unpaid for sixty days." The employment of these two expressions "for supplying water" and "rates and charges for water supplied" appear to me to show that the lien exists only for charges for water supplied and does not exist for bills for labor and material in making service connections, installing meters, repairs, etc., nor for annual balances due upon contracts by parties in interest guaranteeing the city a specified income for a specified period from a specified extension of main pipe.

*Compiled from information furnished by A. R. Hathaway, Water Registrar, Springfield, Mass.

Question 2. Can the lien certificate be filed at any time after 60 days from due-date of bill? Or is there a reasonable limitation as to the number of years that may elapse before such certificate should be filed? This question may arise in case an unpaid bill should be allowed to remain until all other means may have been exhausted to collect same, — meanwhile certain promises accepted and unfulfilled, and maybe the ownership changing one or more times, thereby prohibiting enforced collection by shutting off supply, etc.

Answer. The Act provides that if such charges are not paid within sixty days after their due-date, the same shall be a lien on the real estate upon the filing of a statement by your board in the Registry of Deeds, but does not limit the time after the expiration of said sixty days within which such statement may be filed.

The Act in question became effective in Springfield upon its acceptance by the city and the filing in the Registry of Deeds of a certificate of such acceptance June 2, 1924. I believe that the Act gives a lien on real estate for charges that have accrued since June 2, 1924, provided they have remained unpaid for sixty days after their due-date and provided the proper statement is filed in the Registry of Deeds; and I do not find in the Act any limitation of time within which such statement may be filed. I doubt whether this should be construed to mean that the filing of a statement may be delayed indefinitely, but I do think it means that it may be delayed until other reasonable means of collecting the account have been tried, and I think the lien continues even though the ownership of the real estate is changed after the accruing of the account but before the filing of a statement.

Question 3. Would it not be better — if it could be so planned — to file the lien certificates *just after October 1st* in any year, so that the lien could remain for about two years? (Lien effective from date statement or certificate is filed in Registry of Deeds, and continues "for one year from the first day of October next following." — See Section 42B.)

Answer. Upon the filing of a statement, the lien "shall continue for one year from the first day of October next following." You inquire whether it would not be better to plan to file the lien certificates just after the first day of October so that the lien would subsist for a little less than two years, rather than just before October first, in which case the lien would subsist for a little more than one year. This is a question of policy. I think you have the power to use either tactics.

Question 4. Is our understanding correct, that the term "owner of record" means the owner of property affected at the time of placing the lien, rather than the owner at the time the bill was made and to whom it was charged?

Answer. The Act provides that "such statement shall contain the

name of the owner of record of such real estate." I take this to mean the name of the owner at the time the statement is filed and not the name of the owner at the time that the account accrued.

Question 5. Can the term "within a reasonable time after filing such statement" be interpreted in more definite limitation, and if so, how defined? (See Section 42C.)

Answer. The Act provides, "within a reasonable time after filing such statement for record," your board shall commit the account with its warrant to the collector of taxes. I believe that this means within a time reasonably necessary for making out a commitment and warrant, that is, within a few days at the most.

Question 6. Does the *filing-statement* (or certificate) need to be signed by the full Board of Water Commissioners, by a majority of same, or by its Chairman only? In Brockton (whose water-works organization is similar to Springfield) such statement is duly signed and attested by one member only of the Water Commissioners.

Answer. The Act provides that there shall be filed "a statement by the board or officer in charge of the water department." In Springfield, the department is in charge of a board of water commissioners, a board of three members, and I believe that the statement should be signed by two or three members of the board.

Question 7. Same as Question 6, but applying to signing of *warrant* to collector. In Brockton "All warrants are signed by a majority at least of the Water Commissioners."

Answer. I believe that warrants to the collector for the collection of such unpaid accounts should be signed by two or three members of the board.

Question 8. When the required *warrant to the Collector* is made, is it necessary to release the collector as to the specific delinquent account (which has been once committed — or transmitted — to him) and thereby unnecessarily increase the water-works "Abatements" account, in order to re-commit such account with the warrant?

It would appear that these provisions of Section 42C had in mind those water works where the collection of bills is taken care of by the water-works officials instead of being committed to a city collector. In Springfield all such bills are committed to the city collector, charged to him, and his receipt for same taken; collections and abatements are credited to his account, and balances forwarded. Why cannot such warrant to the collector *designate* the delinquent account now legally committed for collection under the lien law by warrant, as the same account committed (or transmitted) under city ordinance to him on such a date, that date being the *due-date* from

which the 60 days has to be computed; thus saving releasing, abating, and re-committing such account?

Answer. When such accounts are committed to the collector, together with the warrant as required by statute, I see no complication arising from the fact that the account may have been previously committed to the collector under ordinance.

The commitment of the same account twice cannot make the collector twice liable. I do not see how there can be any objection to the warrant referred to in the statute designating a delinquent account which is already in the hands of the collector for collection. I understand from the collector that he contemplates no difficulty in this matter.

Question 9. Are the powers and duties of the collector (referred to in Section 42C) *contingent* upon his adding the delinquent account to "the annual tax bill next to be issued," or can he proceed legally before such addition and after he receives the warrant; and to what extent can he so proceed; can he sell property under this law *before* adding the account to the next tax bill, or only afterwards?

Answer. After commitment of the account to the collector under the statute, he shall forthwith send notice to the person designated in the warrant as the owner of record and may then proceed to collect the tax by sale of the property or otherwise under the authorities which he has in the matter of the collection of the annual taxes upon real estate. I do not understand that the collector must wait until he can add the claim to the annual tax bill. The last sentence in section 42D provides that any such account "remaining unpaid shall be so added." That falls short of limiting his right to proceed to collection to such claims as have been so added.

Question 10. In addition to the face of a delinquent bill subjected to the lien-law, are not all charges on account of same (such as penalties and costs of shutting off the supply, interest and costs from date of lien, recording fees, examination of title, etc., and similar costs) legally collectible with the bill before the discharge of the lien? (In Springfield no interest is ordinarily charged or collected on delinquent bills from due-date of same, if collection of bill is effected without filing lien.)

10A. If the answer to question 10 is affirmative, do not *all* the charges therein referred to (including interest added by the collector) accrue to the credit of the water-works funds, when collected?

Answer. Under the Act the lien is given for rates and charges for supplying water, "including interest and costs thereon, as established by local regulations, ordinances or by-laws." I think this includes those costs specified by law that are incurred in the collecting of the account, such as the collector's statutory charge for demand and the recording fee of the statement, also items charged by you for service, including the expense of

shutting off the water, etc. All such interest should be passed to the credit of the water department. Some of the costs would accrue to the credit of the collector's department; such, for example, as the fees for notices sent out by him; and some would accrue to the credit of the water department, such, for example, as the fees for notices sent out by them.

APPENDIX.

THE MASSACHUSETTS "WATER LIEN" LAW.

Chapter 40 of the General Laws is amended by inserting after Section 42 the following six sections:

SECTION 42A. If the rates and charges due to a city or town which accepts this and the five following sections by vote of its city council or of the voters in town meeting for supplying water to any real estate at the request of the owner or tenant, including interest and costs thereon, as established by local regulations, ordinances, or by-laws, are not paid within sixty days after their due-date, the same shall be a lien upon such real estate in the manner hereinafter provided. This and the five following sections shall not take effect in a city or town accepting the same as aforesaid until the city or town clerk files in the proper registry of deeds a certificate that said sections have been so accepted. Each register of deeds shall record such certificate in a book to be kept for the purpose, which shall be placed in an accessible location in the registry.

SECTION 42B. Such lien shall take effect upon the filing for record in the registry of deeds for the county where the real estate lies of a statement by the board or officer in charge of the water department that the rates and charges for water supplied to the real estate therein described, including interest and costs, to an amount therein specified, have remained unpaid for sixty days after the due date, and said lien shall continue for one year from the first day of October next following. Such statement shall contain the name of the owner of record of such real estate and a description thereof sufficiently accurate for identification. The register of deeds shall receive and record or, in case of registered land, file and register, said statement. Such lien may be dissolved by filing for record in such registry of deeds a certificate from the collector of taxes of the city or town in which such real estate is situated that all rates and charges for which such lien attached, together with interest and costs thereon, have been paid or legally abated.

SECTION 42C. Within a reasonable time after filing such statement for record or registration, the board or officer in charge of the water department shall commit the unpaid account with his warrant to the collector of taxes of the city or town, and such collector shall forthwith send notice in accordance with section three of chapter sixty to the person designated in such warrant as the owner of record, and any demand for the payment of such account shall be made upon such person. The collector shall have the same powers and be subject to the same duties with respect to such unpaid accounts as in the case of the annual taxes upon real estate, and the provisions of law relative to the collection of such annual taxes, the sale of land

for the non-payment thereof and the redemption of land so sold shall apply to unpaid accounts charged upon real estate under sections forty-two A to forty-two F, inclusive.

SECTION 42D. Unpaid accounts under sections forty-two A to forty-two F, inclusive, shall bear interest at the rate of six per cent. per annum from the time demand is made under the preceding section, or from such earlier time after their due-date as the city or town may by ordinance or by-law provide. Any such account committed to the collector under said section and remaining unpaid shall be added by the collector to the annual tax bill next to be issued, and the total amount of such bill shall be subject to interest under the provisions of section fifty-seven of chapter fifty-nine.

SECTION 42E. An owner of real estate aggrieved by a charge imposed thereon under sections forty-two A to forty-two F, inclusive, in addition to such remedy as he may have under section ten of chapter one hundred and sixty-five, may apply for an abatement thereof by filing a petition with the board or officer having control of the water department within thirty days after demand under section forty-two C, and if such board or officer finds that such charge is more than is properly due, a reasonable abatement shall be made; and except as otherwise provided herein, the provisions of chapter fifty-nine relative to the abatement of taxes by assessors shall apply, so far as applicable, to abatements hereunder. If such petition is denied in whole or in part, the petitioner may appeal to the superior court for the county where the real estate lies upon the same terms and conditions as a person aggrieved by the refusal of the assessors of a city or town to abate a tax.

SECTION 42F. An owner of real estate who, in order to prevent the imposition of a lien thereon or to discharge the same, has paid charges for water furnished to a tenant or other person who was bound to pay the same may recover from such tenant or other person in an action of contract the amount of the charges so paid with all incidental costs and expenses.

[COPIES OF FORMS USED IN CONNECTION WITH THE "WATER LIEN" LAW.]

CITY OF SPRINGFIELD, MASS., MUNICIPAL WATER WORKS.

IMPORTANT NOTICE TO WATER TAKERS AND PROPERTY OWNERS.

In accordance with the provisions of a recent Act of the Massachusetts Legislature, accepted by the City Council of the City of Springfield.

UNPAID WATER BILLS ARE A LIEN ON REAL ESTATE

and payment of same can be enforced through sale of the property by the City Collector, in the same manner as in the collection of unpaid taxes.

The practice of *Shutting Off* the supply for Non-Payment of *Delinquent Bills* is *Not Affected* by the lien law in any way.

All water bills are "DELINQUENT" if not paid within TWENTY DAYS after they are rendered and become due.

CHANGING OWNERSHIP OF PROPERTY.

When buying or selling real estate it is important that *Adjustment of Water Bills* be made as of date of transfer, in like manner as for taxes, insurance, rentals, etc.

To assist in making such adjustments the Water Works Office, City Hall (River 6100), will gladly furnish meter readings and other desired information upon application.

The names and addresses of new owners should be *given promptly* to the Water Office, in order that ensuing bills may be properly rendered and possible unnecessary expense and annoyance avoided.

We desire to express our appreciation to those conveyancers who — without the incentive of a lien law — have previously provided for such adjustments of water rates in the transfer of property, and request a general similar coöperation in future transfers of property, to the mutual advantage of all concerned.

A. R. HATHAWAY, *Water Registrar.*

October 1, 1924.

STATEMENT OF LIEN OF CITY OF WORCESTER FOR UNPAID WATER CHARGES.

I.....hereby certify that I am in charge of the Water Department of the City of Worcester, that said City of Worcester has supplied water to the property located at.....Street in said City of Worcester and that the charges due therefor to the City of Worcester, including interest and costs, now amount to.....Dollars and.....cents. A statement of said charges being in detail as follows:.....

.....

.....

Said water was supplied at the request of the owner or tenant of said property, that no part of said charges have been paid said City of Worcester and have been due for more than sixty days after their due-date, that the owner of record of said real estate is .....Said property comprises a certain tract or parcel of land with buildings thereon situated on the.....side of .....Street number.....on said street, bound and described as follows:

.....

.....

.....

Said City of Worcester has a lien on said real estate and files this statement in accordance with provisions of Acts of 1923, Chapter 391, of Massachusetts Legislature and Acts in addition or amendment thereto.

Commissioner and Registrar in Charge of the
Water Department of the City of Worcester.

CITY OF BROCKTON

WATER DEPARTMENT.

Statement under Chapter 40, General Laws, as amended by Chapter 391, of the Acts of 1923.

I,....., one of the Water Commissioners of the City of Brockton, do hereby certify that it appears from the records of said department, that there is now due and payable to the City of Brockton, the sums of money hereinafter set forth as rates and charges, for water supplied by said city to the premises hereinafter described: that the owner of record of said premises as of .....19 , is..... of....., ..., and that said rates and charges have remained unpaid for sixty days after their due-date, to wit: from.....19 , and since said last mentioned date there have accrued the interest and costs hereinafter set forth.

DESCRIPTION:

Water	
Meter Rent	
Repairing meter	
Connection work	
Interest	
Costs	
Recording Fee	
Examination of Title	
TOTAL	

WITNESS, my hand this.....day of.....19 .

.....

Water Commissioners.

COMMONWEALTH OF MASSACHUSETTS.

PLYMOUTH, ss. Brockton,.....19 .

Then personally appeared the above named....., and made oath that the foregoing statement, by him subscribed, is true to the best of his knowledge and belief, before me.

.....

Justice of the Peace.

My commission expires.....19 .

DISCHARGE OF LIEN FOR WATER RATES.

(Chapter 413, Acts 1924.)

I, FRANK J. WARD, Collector of Taxes for the City of Brockton, in consideration of.....paid by.....a....., being the amount claimed as a lien by said City of Brockton for water rates (including all interest, costs and charges) on the following described premises.....
notice of which is filed with Plymouth Registry of Deeds, Book..... ....., Page.....
hereby cancel and discharge said lien.

WITNESS my hand and seal this .....day of....., 192

.....

City Collector.

COMMONWEALTH OF MASSACHUSETTS.

PLYMOUTH, ss. .....192 .

Then personally appeared the above-named FRANK J. WARD, and acknowledged the foregoing instrument to be his free act and deed, before me.

.....

Justice of the Peace.

My commission expires.....

REPORT UPON THE PRACTICABILITY OF STANDARDIZING METER DIALS.

Presented to the American and the New England Water Works Associations by The Joint Committee upon Standard Specifications for Water Meters, June 7, 1926.

TO THE AMERICAN AND THE NEW ENGLAND WATER WORKS ASSOCIATIONS:

Your Joint Committee upon Standard Specifications for Water Meters was instructed to investigate the practicability of a standard meter dial.

As it would obviously be useless to devise such a standard unless there were a real demand for it, and unless it would be generally used if adopted by the Associations, the Committee prepared a questionnaire which was sent to 34 of the largest water works in the country, including both municipal and company-owned plants. Replies were received from 23 works in which there are now in use approximately 1 150 000 meters of which about 900 000 have round-reading and about 250 000 have straight-reading registers.

Seventeen of the plants use meters reading in cubic feet and six, meters reading in gallons, including in the latter category one large holding company which controls several water plants, some of which use meters reading in gallons and others in cubic feet, but the majority of which are in gallons.

The most significant question was, whether in case a standard meter dial for round-reading meters were adopted by the associations, the water departments would be inclined to adopt the standard, even though it might involve a slightly increased cost of meters. To this inquiry eight affirmative answers were received; three plants use no round-reading meters, and four replied unequivocally that they would not adopt a standard different from their present practice, among these being some of the very large water works. Eight of the replies did not contain answers to this question.

With regard to a standard unit of measurement, whether gallons or cubic feet, nearly everyone agreed that it was desirable to have a standard, but wished that standard to be the unit which is now in use. Only one would be willing to adopt a standard differing from the present practice, leaving 22 who stated unequivocally that they would not change to a different standard.

The results of this questionnaire indicate that, in spite of the unfortunate differences in arrangement of meter dials, less than half of the large water works would be willing to adopt a new standard if it differed from their present practice, especially if any increase in cost were involved, and practically none if it made a change from gallons to cubic feet, or *vice versa*.

Some of the replies received indicated that it may prove advantageous to adopt the straight-reading register to a much greater extent than is now

common, in place of the round-reading register. The disadvantage of the various types of round-reading register and the advantages of the straight-reading register are well shown in the following quotation from a letter accompanying the questionnaire, submitted by Mr. H. P. Bohman, Superintendent of Water Works at Milwaukee:

"If a standard round dial were adopted, would like to make a few suggestions in regard to construction. Such dials, regardless of size or capacity, should all be constructed with the one-foot or test circle at the bottom of dial, with other circles grouped around it in such a way, from small to large, so that largest circle would be to the left of the one-foot or test circle.

A great majority of meter dials in service in this city are arranged as above recommended, but we have quite a few very much at variance with that arrangement. Some have the one-foot or test circle at the top of the dial, with the other circles grouped around from small to large to the right; others to the left; and some with the largest circle at the middle of dial.

Others, where the one-foot or test circle is at bottom, as recommended, have the circles grouped around it in such a way as to bring the largest circle to the right of the test circle.

You can readily understand that considerable confusion exists with so many different arrangements of circles on dials; and errors in readings are bound to occur.

Compound meters are equipped with two dials, one recording the consumption for the small end of meter and the other the consumption of large end.

Some types of compound meters have both dials of the same size and capacity.

On account of the great difference in the construction of compound meters, some having the large end on the inlet side while others have the large end on outlet side, if both dials are of same size and capacity, considerable confusion exists at all times when taking readings; and where one or the other dial stops registering, difficulty is encountered in properly averaging the consumption, and an incorrect average may result.

Dial controlling the small end of a compound meter should have at least one circle less than the dial controlling the large end.

If the American and the New England Water Works Associations expect to adopt a standard dial for water meters, would suggest that the matter of a straight-reading dial be given consideration. The advantages of a straight-reading dial are very apparent on account of its simplicity for taking readings, it being but necessary for reader to copy numerals from left to right as shown, with danger of error reduced to a minimum.

With round dials more or less difficulty exists at all times in obtaining correct readings. If, as is frequently the case, one or more hands are slightly out of alignment, it requires study to determine the correct reading. It also requires visualizing all the circles, especially where the hands are in such a position that it becomes necessary to consult a next lower circle or circles before correct reading can be obtained. Over and under readings, I believe, would be practically eliminated by the use of the straight-reading dial. Further, much greater speed could be obtained in taking readings.

Believe that formerly the chief objection to the straight-reading dial was the difficulty in getting it to operate properly. The mechanical improvements made in late years, I am satisfied, have completely removed that objection."

Recommendation. In view of the replies received, your Committee recommends that no further attempt be made to standardize dials of round-reading meter registers.

Respectfully submitted, for the Joint Committee,

CHARLES W. SHERMAN, *Chairman.*

REPORT OF COMMITTEE ON LEGISLATIVE MATTERS IN MASSACHUSETTS.

To the New England Water Works Association:

Your Committee on Legislative Matters in Massachusetts hereby submits its report covering general legislation relating to Water Works passed at the session of 1926. Special Acts applying only to individual companies or municipalities are not included.

Shutting off Water for Non-payment. A bill (House 944) was introduced by one of the representatives, to forbid municipalities to shut off water for non-payment of bills, and to require them to depend only upon the filing of liens to collect such bills. The only person to appear in favor was the petitioner; the city of Boston, by one of its assistant city solicitors, appeared in opposition; one of the members of your committee also spoke, as well as one or two other persons; and the committee voted "leave to withdraw."

Emergency Water Supply. Upon the petition of Henry A. Symonds, a bill (House 620, later changed to House 1174) was introduced to extend to water companies the privilege, already conferred upon municipalities by the General Laws, to obtain temporary emergency water supplies. The Association instructed its committee to support this bill, which was passed with slight changes, and became Chapter 318 of the Acts of 1926. It is as follows:

[Chap. 318.]

An Act relative to emergency water supply.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows: Chapter forty of the General Laws is hereby amended by striking out section forty and inserting in place thereof the following:

Section 40. The metropolitan district commission in cities or towns using the metropolitan water supply, the city council in other cities, the selectmen or water commissioners in other towns, and water companies supplying any communities in the commonwealth, may, in cases of emergency, take by eminent domain under chapter seventy-nine the right to draw water from any stream, pond, or reservoir not already appropriated to uses of a municipal water supply, or may purchase water from any city, town, or water company, for a period of not more than six months in any year in quantities necessary to relieve the emergency; but no such taking or purchase shall be made until after the department of public health has approved the water as a proper source of water supply and unless and until, in the case of towns, the selectmen or water commissioners have first been so authorized by a vote of the inhabitants at a town meeting or, in the case of water companies, said companies have first been so ordered in writing by said department. They may also take by eminent domain under said

chapter seventy-nine the right to use any land for the time necessary to use such water; provided, that, in the case of such a taking by a water company, said department shall first prescribe the limits within which such right shall be taken. The vote of a city council or of the inhabitants of a town or of the metropolitan district commission, or the written order of said department to a water company to make or authorize such taking or purchase, shall be conclusive evidence of the existence of the emergency.
Approved May 5, 1926.

Longer Term for Bonds for Large Main Pipes. On petition of Thomas J. Carmody, a bill was introduced to allow cities and towns to borrow money for large main pipes (16-in. or larger) for a longer term than 15 years. The committee was instructed by vote of the Association to favor the bill. As drafted, it provided for a term of 30 years, but this was changed by the Committee on Municipal Finance to 25 years. It became Chapter 45 of the Acts of 1926, and is as follows:

[CHAP. 45.]

AN ACT AUTHORIZING CITIES AND TOWNS TO INCUR INDEBTEDNESS OUTSIDE THE STATUTORY LIMIT FOR CONSTRUCTING AND LAYING AQUEDUCTS AND LARGE WATER MAINS.

Whereas, The deferred operation of this act would tend to defeat its purpose, therefore it is hereby declared to be an emergency law, necessary for the immediate preservation of the public convenience.

Be it enacted, etc., as follows:

Section eight of chapter forty-four of the General Laws, as amended by section eleven of chapter four hundred and eighty-six of the acts of nineteen hundred and twenty-one and by section one of chapter three hundred and three of the acts of nineteen hundred and twenty-three, is hereby further amended by inserting after clause three (*b*), inserted therein by section one of said chapter three hundred and three, the following new clause: —

(*3c*) For constructing and laying aqueducts and water mains of sixteen inches or more in diameter, twenty-five years.
Approved February 25, 1926.

Modification of Provisions regarding Bonds for Pipes of Intermediate Sizes. The modification of the General Laws caused by the amendments already adopted made it desirable to re-word the provisions relating to bonding for pipes of 6 in. or more, but less than 16 in. diameter. A bill (House 93) was introduced by the Commissioner of Corporations and Taxation. This was considerably modified by amendments and was finally passed as Chapter 317 of the Acts of 1926, which is as follows:

[CHAP. 317.]

AN ACT RELATIVE TO THE INCURRING OF INDEBTEDNESS FOR LAYING AND RELAYING WATER MAINS ELSEWHERE THAN IN STREETS.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows: Section eight of chapter forty-four of the General Laws, as amended by section eleven of chapter four hundred and eighty-six of the acts of nineteen hundred and twenty-one, by section one of chapter three hundred and three of the acts

of nineteen hundred and twenty-three and by chapter forty-five of the acts of the current year, is hereby further amended by striking out clause (3b), inserted by said section one, and inserting in place thereof the following: — (3b) For laying and relaying water mains of not less than six inches but less than sixteen inches in diameter, fifteen years.
Approved May 5 1926.

It may be noted that the title of this chapter is inaccurate, since the act applies to water mains in any location.

Respectfully submitted,

CHARLES W. SHERMAN,
GEORGE A. KING,
ALBERT L. SAWYER,
Committee.

May 26, 1926.

RAINFALL IN NEW ENGLAND.

BY X. H. GOODNOUGH.*

In a paper on Rainfall in New England, published in the JOURNAL OF THE NEW ENGLAND WATER WORKS ASSOCIATION for September, 1915, there were presented copies of available records of rainfall in New England and adjacent portions of New York and Canada up to the end of the year 1913. In a subsequent paper, published in the JOURNAL for June, 1921, the records were continued to the end of the year 1920, with such additions as had become available in the intervening years.

The following tables present such further records as have become available for the five years following 1920, completing the tables up to the end of the year 1925. The plan followed in the previous paper has been continued in presenting these further observations, and the tables are arranged by States in the following order, — Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut. Records for stations in adjacent portions of New York and Canada follow in the order named. Stations are again arranged alphabetically by towns, except in cases where the name of the station is better known than that of the town; as, for example, at Bar Harbor, Maine; Chestnut Hill, Massachusetts, etc. In printing the names of observers, the plan followed in previous papers has been continued, observations by the U. S. Weather Bureau or those reporting regularly to that office being presented without designating the observers. In other cases the name of the person, public department or corporation maintaining the record, if known, is printed at the head of the table.

A number of new records have become available since the last paper was presented, and these have been included in the tables. In Maine records are presented for Camden (Mirror Lake), Oldtown, and several stations on the Androscoggin River, viz., Aziscohos Dam, Berlin, Gorham, Livermore, Middle Dam, Oquossoc, Pontocook and Upper Dam. A 25-year record of the Pennichuck Water Company at Nashua, N. H., is included in the tables, and a number of records established recently by the New England Power Company in Vermont. A number of additional gages have also been introduced in recent years in connection with the installation of new water supplies at Providence, R. I., and at Hartford, Conn. In New York records are included mainly for the region east of the Hudson River, with summaries of the rainfall on the principal watersheds supplying the city of New York. The usual number of Canadian stations are included, showing the precipitation by years and the average for the entire period in

* Chief Engineer, Massachusetts Department of Public Health.

each case. The total number of stations in each State, published in the present and in previous papers, are shown in the following table:

	1915	1921	1926
Maine	30	20	29
New Hampshire	30	19	27
Vermont	21	26	22
Massachusetts	122	152	181
Rhode Island	20	25	21
Connecticut	21	27	26
New York	11	10	31
	255	279	337.

The most important record that has been discontinued is that at the Harvard College Observatory in Cambridge, which was begun in 1841 and was continuous to the end of 1921. This gage was located in a satisfactory exposure in a populous district within 6½ miles of the State House at Boston, a region in which satisfactory locations for rain gages are difficult to find.

A long record maintained by Dr. A. P. Mason at Fitchburg was discontinued at the end of December, 1924, but the gage was transferred to the sewage disposal works of that city and is maintained in a new location which is about 2 miles southeast of the old but at a somewhat lower elevation.

Additional observations, made by Mr. Elisha Slade at Somerset, Mass., have been secured and the full table is presented in the present paper up to November, 1922, when the station was discontinued.

The Weather Bureau gage at Worcester has been removed from near the center of the city to a location at Winter Hill, about four miles north of and about 500 feet higher than the old location.

A number of other stations have been discontinued and new ones established, as indicated in the tables.

The type of gage commonly used for measuring rainfall, and also snowfall, in New England is the U. S. Weather Bureau standard, having a receiver with a diameter of 8 in. and a measuring tube 2.53 in. in diameter, the ratio of the two areas being as 10 to 1. The capacity of the tube is 2.00 in. of water. The total height of this gage is 25 in. and when set up in a standard stand the top is 32 to 35 in. above the ground. Other types are in use, the dimensions of which vary materially from those of the Weather Bureau gage. A common form of gage is one which has a receiver with a diameter of 14 to 15 in. and a height of 18 in., with the upper receiver 8 in. in height and the lower receiver or tank about 10 in. in height. Several of the gages used upon the Metropolitan water works system are of this general type. Snow platforms are often used in connection with such gages.

Tests have been made at some of the stations using gages other than the U. S. standard by setting up a standard gage alongside and observing the difference in the precipitation collected. At Pawtucket, R. I., comparisons of this sort were begun in 1913 between one of these larger diameter gages and a standard gage, under the direction of Mr. George A. Carpenter,

City Engineer. The results of these comparisons have been published from time to time in the reports of the Board of Public Works of Pawtucket and furnish an interesting record of a comparison of the two types of gages. During 1913–1914 the gage of the larger area recorded 8.2 per cent. more precipitation than the standard. Since 1915 comparisons have been made only during months of no snowfall, and the result shows that the larger gage has collected about 3.3 per cent. more rainfall than the standard. In all of the years covered by this investigation the larger gage has collected more than the standard in all but three months, in one of which the amount collected was the same.

At Taunton, Mass., comparisons begun in 1920 between a gage of large diameter and a standard gage showed that the former collected on the average about 13.2 per cent. more precipitation than the standard gage beside it. Records published in the previous tables show the results obtained with the old gage from the beginning up to February 1, 1920, and with the standard gage since that time. It is probable that in using the Taunton gage between about 1895 and 1920 the observations should be reduced by about 13 per cent. in order to secure fairly accurate figures. The nearness of a sloping flange to the top of the gage may in this case have affected the quantities collected.

At the Little Quittacas pumping station of the New Bedford water works in Rochester, Mass., a standard gage was set up alongside of the old gage of large diameter, and records of the amount of precipitation collected by each were kept from May, 1922, to December, 1923. In this case, though there were differences in the amounts collected in some of the storms, the average results for the period mentioned were practically the same.

At the Pawtucket dam at Lowell a test some years ago between a standard gage and a gage of large diameter indicated a somewhat smaller collection by the standard than by the gage with the large diameter.

A short test was made several years ago by direction of the writer to determine whether there may be a material difference between amounts collected in a standard gage 8 inches in diameter and a gage of similar depth and height above the ground but of a much larger diameter. The test was made during the period from the end of February to the end of April during a period of frequent storms, sometimes of rain and sometimes of snow. The gages were 24 and 33 in., respectively, in depth and were set with their tops about 33 in. above the surface of the ground. The standard gage was 8 in. in diameter, while the gage made for comparison had a diameter of 40 in. This gage was so constructed that the 8-in. gage could be set inside of it at the center with its top at the same level. Tests made with the gages placed side by side showed that the collection in the standard gage was 0.5 per cent. less than in the 40-in. gage, the maximum difference in any storm being 0.04 of an inch. With the smaller gage set inside the larger one, the standard gage collected about 2½ per cent. more than the

40-in. gage, the maximum difference in this case also being 0.04 of an inch in any storm. The test covered too short a period to enable safe conclusions to be drawn from the results, but so far as they go they indicate that differences in diameter of gage within the limits specified have no material effect upon the amount of precipitation collected. The observations made in the case of some of the comparisons which have been made between gages of large diameter and comparatively small depth and the standard gage, however, indicate differences which are worthy of more careful study. It should be remarked that the larger gages, in cases where comparisons have been made, have been set with their tops much nearer the ground than the standard gages, and it may be that this accounts for the greater collection usually observed with such gages. With gages of diameters smaller than the standard, so far as observations have been made, considerable differences have also been noted. Beginning in May, 1922, comparisons have been made between the gage at Ludlow Reservoir, 8 in. in diameter but of a shallow depth, and a gage 3 in. in diameter, also of shallow depth, located at the filters near by. A standard gage set up beside the 8-in. gage indicated that the amount collected by the old gage was about 10 per cent. too small. The records given in tables since May 1, 1922, have been those of the standard gage. Comparisons between these gages are being continued.

At the Stony Brook Reservoir of the Cambridge water works in Weston a small gage has been maintained by the same caretaker for many years. Tests with a standard gage indicate that the results are so similar that no correction for this gage seems necessary. The careful supervision under which this gage has been maintained by the caretaker of the reservoir no doubt has had much to do with the satisfactory results secured.

At Groton and Leominster 5-in. gages have also been checked, each of which has been found to be giving practically the same results as those obtained with standard gages placed alongside.

Much depends upon the shape of the top of the gage, and the results indicate that a sharp edge is essential. A sloping flange is found on the outside of one or two gages where the results have been considerably higher than observations on a standard gage close by. Sometimes also the stands are brought so near the top of the gage that the amount of precipitation collected appears to be increased. Location is also a very important factor in the quantity of rain collected in a gage. A gage set up on the top of a treeless mound on Plum Island several years ago collected practically no rainfall at all in heavy storms, whereas a gage set in a reasonably sheltered location near by gave results comparable with those of other gages in the region about it. The use of a snow platform in connection with some of the larger and shallower gages has been commented on in a previous paper. It is rare that difficulty is experienced with a standard gage in collecting accurately the precipitation in a snow storm. It is essential even with this gage, however, that the observer should note carefully the condition of the gage during such storms if satisfactory results are to be obtained in all cases.

It sometimes happens that the snow becomes so deep that there is danger that it will blow into the gage at a time when there is no precipitation, and it also has happened, in one case at least, where a wet snow banked up to such an extent over the top of the gage as to reduce the diameter nearly one-half. It is the common practice in regions of deep snow to raise the height of the gage at times of heavy snow by banking snow beneath the tank or by the use of special supports. Occasionally it is found that gages become leaky, chiefly through the freezing of a considerable depth of water in the gage at a time of a sudden fall in temperature. It is important to check the condition of the gage from time to time to insure its accuracy.

As noted in a previous paper, the annual rainfall in New England has varied in amount usually through periods of several years in length. Years of low and high rainfall have occurred in fairly well-defined groups traceable now for a period of a century in the case of some of the longer observations. Within the last half-century there were periods of high rainfall culminating in the years 1878, 1890, 1903, and again in 1922; while periods of low rainfall in that space of time culminated in 1883, 1894, and 1911. Since 1922 the annual precipitation has been declining, as shown by the 3-year progressive averages, though, judging from the recorded flows of the Nashua and Sudbury rivers, no intense drought has been reached as yet comparable with either of the three previous dry periods. The flow of the Nashua River for the year 1925, however, fell to about 78 per cent. of the average, and the drought has continued into the present year, 1926.

There are still large areas in New England, especially in northern sections, in which there are no satisfactory rainfall observations, but in recent years a number of additional groups of carefully maintained stations have been instituted by water-supply departments and power companies, and excellent work is being done by the Weather Bureau in securing better records and the continuance of the long-established stations which were in danger of being allowed to lapse. Such observations are of great aid in the study of problems of water supply and water power, which are becoming more and more important as the years go on; and they will no doubt aid also in the more thorough study of meteorological laws, which is receiving so much more attention since the navigation of the air has become practicable.

Appended hereto are diagrams and a description of the standard Weather Bureau type of rain and snow gage.

NOTE. In the preparation of this paper the writer has had the assistance of Mr. George V. White of the Engineering Division of the Department of Public Health in the collection of the data and information relating thereto.

Acknowledgment is also made to Mr. Caleb Mills Saville, Manager and Chief Engineer of the Hartford, Conn., Water Works, for supplying rainfall observations made in connection with the Hartford water supply; and to Mr. Paul L. Bean, Agent and Engineer of the Union Water Company, Lewiston, Me., for compiling records of eleven stations in the Androscoggin River basin. Mr. George A. Loveland, Meteorologist of the U. S. Weather Bureau at Boston since April, 1924, has aided greatly in the preparation of the tables. Acknowledgment is also due to Messrs. W. & L. E. Gurley for furnishing the cut of the standard Weather Bureau gage.

The Standard Weather Bureau Type of Rain and Snow Gage.

This gage consists of the following parts:

The receiver A,
The overflow tank B,
The measuring tube C, and the measuring stick.

Both the receiver and overflow tank diameters are exactly 8 in., while the diameter of the measuring tube is 2.53 in. and its total height 20 in.

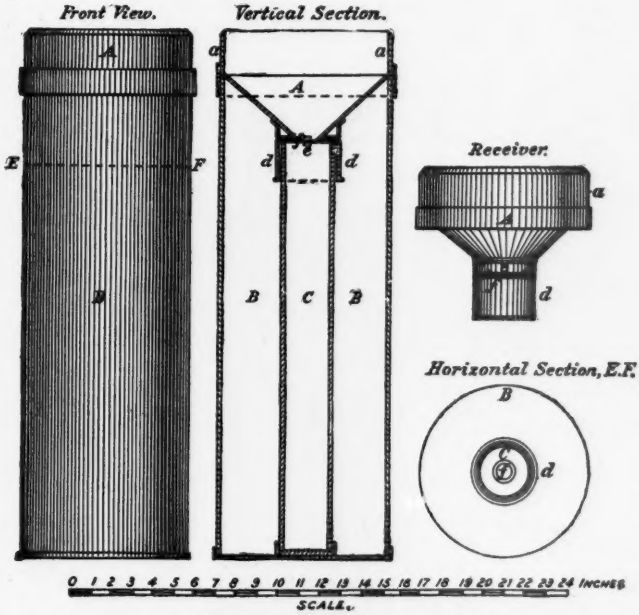

Fig. 1.—Standard Weather Bureau Gage.

The ratio of the two diameters is as 10 is to 1, and therefore precipitation falling on the receiver, or overflow tank, when measured in the measuring tube is magnified just 10 times.

The tube has a capacity of exactly 2.00 in. and the receiver is so constructed that should a storm of over 2.00 in. occur, the additional precipitation would overflow from the tube and would be found in the tank.

The measuring stick is made of red cedar and is graduated into inches and tenths. As the water found in the measuring tube is magnified 10 times, should water 10 in. deep be found in the tube, the actual rainfall must have been 1 in.; and the stick when placed in the tube with this depth of water will register 1.00 in., and is so recorded. The diameter of the measuring tube has been designed to compensate for the displacement of the measuring stick.

As soon as freezing weather begins the receiver and measuring tube should be removed for the winter season, and the overflow tank only should

be exposed, allowing all precipitation to be caught in the tank. If in the form of snow or ice, it should be melted and poured carefully into the measuring tube to be measured as in the case of rain. As soon as freezing weather is over in the spring, the gage should be re-assembled and exposed, as shown in the cut.

The tank is made of galvanized iron with special lapped and soldered joints through which leakage may occur if precipitation is allowed to remain in the tank much over one day during very cold weather. The tank should be frequently tested for leakage.

The stand for this type of gage may be made of round iron or pipe not exceeding $\frac{1}{2}$ in., or the standard wooden design of the U. S. Weather Bureau may be used. This stand is 28 in. high and the shelf upon which the tank

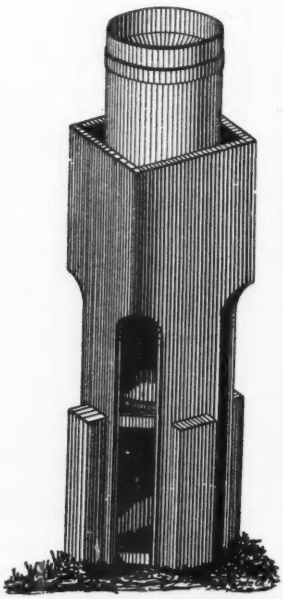

FIG. 2. — GAGE AND WOODEN STAND ASSEMBLED.

stands is 10 in. above the bottom of the stand, which should rest on or near the ground.

In order to make the daily as well as the monthly precipitation at all stations comparable, it is particularly essential that the time of observations be the same for all gages. In Massachusetts this time is at 8 A.M.; the amount then measured, having occurred during the preceding 24 hours, is recorded as falling on the day preceding the date of observation. For example, at 8 A.M., December 20, if 1.02 in. had fallen during the past 24 hours, this amount should be recorded under date of December 19; if at 8 A.M., July 1, 0.56 in. had fallen during the past 24 hours, this amount should be recorded under date of June 30, even if the observer knows that some or all of it occurred between midnight and 8 A.M. of the date of the observation.

MAINE.

RAINFALL AT AZISCOHOS DAM, ME.

(Union Water Power Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1911	2.39	0.70	3.30	0.78	0.99	3.97	3.62	4.85	3.59	2.72	2.95	3.05	32.91
1912	2.35	1.08	2.42	2.20	6.22	1.49	1.75	6.28	4.26	2.12	2.89	2.26	35.32
1913	3.30	1.54	5.66	2.54	3.20	1.73	2.86	2.49	3.02	5.37	2.04	1.83	35.58
1914	1.85	1.06	2.52	4.12	2.51	3.00	3.94	2.62	2.54	2.29	1.89	1.45	29.79
1915	2.97	2.63	0.20	2.48	1.29	2.10	8.27	4.94	2.53	1.84	1.72	3.08	34.05
1916	1.82	1.81	1.55	2.38	4.20	7.15	3.48	3.82	5.27	1.95	3.24	1.98	38.65
1917	2.38	1.53	2.10	2.57	2.59	9.35	2.17	6.56	1.39	6.06	0.98	1.27	38.95
1918	1.59	1.98	1.49	1.28	3.45	3.87	5.13	2.67	6.19	6.83	2.49	2.55	39.52
1919	2.20	1.08	2.45	2.68	3.81	2.47	2.53	2.59	4.26	5.10	2.68	1.28	33.13
1920	1.09	2.38	5.25	4.44	1.35	4.67	4.55	4.29	4.34	2.43	2.99	5.66	43.44
1921	1.22	1.67	2.93	2.24	1.31	1.25	2.43	2.88	2.39	3.31	4.72	1.56	27.91
1922	1.46	2.73	2.60	2.96	2.58	7.59	2.16	9.36	2.11	2.22	1.57	1.42	38.76
1923	2.73	1.03	2.66	4.91	1.65	3.42	2.48	2.39	1.95	2.89	3.86	2.24	32.21
1924	2.43	1.21	1.14	2.87	2.55	1.65	4.34	3.74	7.60	0.43	3.92	1.59	33.74
1925	2.04	3.73	3.18	1.12	2.40	5.07	2.90	1.44	6.70	6.04	4.03	1.56	40.21
Av. 15 yrs.	2.12	1.74	2.63	2.64	2.67	3.92	3.51	4.06	3.88	3.44	2.80	2.18	35.59

RAINFALL AT BRIDGTON, ME. Elevation, 450 feet.

(North Bridgton.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct.	Nov	Dec	Annual
1921	1.75	2.77	3.39	4.25	1.39	1.58	3.28	2.35	3.01	2.87	6.59	2.97	36.20
1922	2.31	3.16	4.91	4.48	6.02	10.43	2.65	4.03	1.73	2.33	1.56	2.76	46.37
1923	5.90	0.81	2.85	5.83	2.09	1.60	3.53	3.08	2.60	3.62	3.26	5.24	40.41
1924	4.29	2.36	0.49	5.68	4.90	1.30	2.01	5.11	6.89	0.05	2.90	2.00	37.98
1925	3.93	4.91	7.44	1.81	1.18	3.01	6.94	1.25	4.77	4.81	4.05	2.67	46.77
Av. 32 yrs.	3.44	3.41	4.02	3.59	3.49	3.72	4.21	3.67	3.86	3.18	3.49	3.46	43.54

RAINFALL AT CAMDEN, ME.

(Mirror Lake.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1913	...	...	...	...	...	...	...	...	...	...	1.13	4.57	....
1914	3.38	1.31	3.97	5.00	1.97	2.58	2.04	4.09	0.24	2.17	1.50	3.41	31.66
1915	4.70	3.23	0.17	2.06	3.76	2.23	12.19	4.78	1.54	2.30	4.76	3.59	45.31
1916	1.77	2.79	2.12	4.55	7.00	6.98	4.44	1.90	3.20	4.49	4.89	6.11	50.24
1917	4.93	1.81	7.48	3.91	4.24	8.56	1.35	7.63	0.59	5.54	3.22	2.99	52.25
1918	3.56	2.68	2.67	1.52	2.32	2.49	3.90	3.88	8.96	4.46	5.42	3.56	45.42
1919	4.45	2.32	4.09	2.26	5.65	0.61	2.39	3.16	4.61	4.99	5.31	2.14	41.98
1920	0.92	4.19	3.61	8.38	2.53	3.30	4.02	2.13	6.91	1.58	4.63	7.00	49.20
1921	3.12	4.32	3.74	5.51	1.69	2.13	1.64	4.23	3.59	2.18	4.36	2.27	38.78
1922	1.62	2.65	4.07	3.22	5.50	7.01	1.74	4.69	1.99	3.20	2.75	2.65	41.09
1923	3.82	0.59	3.19	6.89	2.03	3.27	2.88	0.82	1.18	4.11	2.19	5.39	36.36
1924	4.55	0.00	2.14	5.51	5.25	2.67	2.21	5.61	3.37	0.00	2.81	2.59	36.71
1925	2.44	2.45	4.06	2.08	0.23	3.59	1.65	1.96	4.42	7.07	4.71	3.83	38.49
Av. 12 yrs.	3.27	2.36	3.44	4.24	3.51	3.79	3.37	3.74	3.38	3.51	3.88	3.80	42.29

RAINFALL AT CORNISH, ME. Elevation, 778 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.89	3.08	4.15	2.96	1.84	2.51	3.15	1.95	3.17	2.85	5.75	3.05	36.35
1922	2.57	3.80	5.10	3.91	5.61	10.46	1.98	2.76	2.60	2.51	1.45	3.42	46.17
1923	5.85	1.50	3.01	7.59	2.53	2.71	3.34	1.18	2.59	5.12	6.24	3.74	45.40
1924	4.00	2.10	0.94	6.67	5.42	1.73	2.13	...	...	...	...	...	....
Av. 67 yrs.	3.52	3.62	4.26	3.64	3.58	3.72	4.12	4.25	3.62	4.01	4.16	3.62	46.12

RAINFALL AT EASTPORT, ME. Elevation, 53 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.10	2.88	3.04	2.98	1.25	1.02	1.79	1.80	2.36	1.66	5.11	1.33	27.32
1922	1.90	3.10	2.70	1.76	2.27	2.45	3.69	9.44	0.96	3.01	1.93	3.26	36.47
1923	4.95	2.36	3.88	4.17	1.52	2.74	2.69	2.47	1.36	2.35	2.27	3.18	33.94
1924	3.62	1.07	1.13	2.29	1.83	1.92	3.29	4.79	2.45	1.14	1.59	2.09	27.21
1925	3.24	1.95	3.79	1.53	1.18	2.87	2.69	1.92	3.22	5.84	3.50	2.07	33.80
Av. 57 yrs.	3.74	3.23	3.90	2.92	3.19	3.12	3.19	3.25	2.92	3.81	3.58	3.56	40.41

RAINFALL AT EUSTIS, ME.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.13	1.36	1.57	**3.11**	0.45	2.29	2.48	2.61	1.75	3.70	4.27	**1.28**	26.00
1922	2.28	2.58	1.97	2.82	1.62	6.58	3.12	4.08	1.12	2.30	0.93	2.76	32.16
1923	4.18	1.55	2.54	4.82	2.53	4.70	2.96	2.81	1.70	3.01	**3.06**	3.05	36.91
1924	3.03	1.68	1.32	4.25	1.70	2.75	3.18	2.86	4.69	0.65	4.49	1.40	32.00
1925	3.07	2.93	3.41	1.25	1.99	5.99	3.36	2.14	5.37	4.98	2.60	1.44	38.53
Av. 12 yrs.	2.27	2.14	2.27	2.89	2.35	4.16	3.54	3.49	3.15	3.38	2.89	2.63	35.16

RAINFALL AT FARMINGTON, ME. Elevation, 450 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.96	2.00	2.79	3.61	1.92	1.78	2.34	5.60	2.34	3.44	5.72	1.48	33.98
1922	2.21	2.83	4.62	3.61	5.22	8.57	2.07	5.20	2.69	1.26	1.39	3.07	42.74
1923	5.59	1.25	2.29	7.44	1.94	2.23	2.27	1.66	1.68	3.48	2.72	4.38	36.93
1924	2.90	1.99	0.71	5.45	3.95	1.68	2.89	4.90	5.93	1.14	3.30	2.20	37.04
1925	2.98	4.08	6.14	0.71	2.14	5.06	5.38	1.34	5.07	6.60	5.14	3.13	47.77
Av. 35 yrs.	3.30	3.02	3.95	3.31	3.53	3.72	3.51	3.85	3.76	3.33	3.53	3.44	42.25

RAINFALL AT GARDINER, ME. Elevation, 163 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.88	3.50	3.50	3.60	1.45	2.67	2.75	4.19	2.45	3.10	5.09	2.31	36.49
1922	**2.18**	3.43	4.59	2.18	5.72	6.85	2.91	4.84	2.22	2.71	2.33	2.57	42.53
1923	6.48	1.60	3.79	7.27	2.10	2.40	5.18	1.16	1.69	3.98	2.57	4.44	42.66
1924	4.29	2.13	1.29	5.14	5.30	1.57	1.35	4.99	4.14	0.88	3.00	2.00	36.08
1925	3.09	3.09	5.34	1.86	1.58	3.14	3.79	1.46	4.34	6.40	3.82	3.45	41.36
Av. 89 yrs.	3.62	3.42	3.93	3.34	3.58	3.25	3.39	3.48	3.36	4.07	3.91	3.65	43.00

RAINFALL AT GREENVILLE, ME. Elevation, 1 140 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.48	2.22	1.95	2.61	1.97	2.88	5.06	5.56	3.53	4.82	5.69	2.02	39.79
1922	2.02	2.77	2.96	2.99	3.44	10.00	3.54	3.41	1.89	3.14	1.97	2.79	40.92
1923	4.58	2.15	3.02	5.97	2.50	3.78	4.34	2.85	2.11	3.45	3.39	3.32	41.46
1924	2.55	2.24	1.36	4.45	4.52	1.75	3.07	2.34	7.39	1.33	4.47	1.84	37.31
1925	2.95	3.56	4.13	1.46	1.82	6.91	5.80	1.27	4.24	6.02	5.31	2.57	46.04
Av. 20 yrs.	2.84	2.83	3.15	3.14	3.30	4.09	5.09	3.72	4.18	3.84	3.47	3.24	42.89

RAINFALL AT JACKMAN, ME.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	...	...	...	...	...	...	...	2.26	1.88	4.08	4.55	1.06	....
1922	2.77	2.30	1.99	2.95	1.89	8.64	2.24	4.00	0.82	3.52	1.91	1.73	34.76
1923	3.04	1.46	3.05	4.70	2.01	4.84	4.44	3.11	2.70	2.62	3.29	2.53	37.79
1924	2.12	1.74	1.15	4.20	3.14	2.09	3.22	3.51	3.94	0.67	3.08	2.56	31.42
1925	3.38	3.87	3.00	1.32	2.95	6.85	3.56	2.42	4.65	5.61	4.29	2.51	44.41
Av. 4 yrs.	2.83	2.34	2.30	3.29	2.50	5.60	3.37	3.26	3.03	3.10	3.14	2.33	37.09

RAINFALL AT LEWISTON, ME. Elevation, 185 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.95	3.82	3.63	3.56	1.87	2.47	1.68	2.38	2.33	2.61	5.95	2.81	35.06
1922	2.62	3.57	4.60	3.93	5.69	8.71	3.33	3.00	2.01	2.25	1.96	3.71	45.38
1923	6.25	1.38	3.93	7.04	2.01	2.43	4.12	0.98	3.07	4.01	3.45	3.27	41.94
1924	4.34	2.88	0.75	5.37	6.12	1.21	2.59	5.25	5.81	0.14	2.41	2.31	39.18
1925	3.32	4.52	7.18	1.86	1.52	5.02	4.59	0.62	4.85	5.34	3.37	3.29	45.48
Av. 51 yrs.	3.89	3.79	4.37	3.45	3.42	3.56	3.69	3.19	3.59	3.60	3.83	3.94	44.32

RAINFALL AT LIVERMORE, ME. Elevation, 338 feet.
(Union Water Power Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1909	...	...	...	...	...	...	...	...	...	1.78	1.22	2.96	....
1910	3.83	2.76	1.62	4.56	3.02	2.75	4.70	5.61	0.78	0.28	...	...	....
1911	2.29	2.00	3.78	0.75	1.50	3.46	3.29	3.84	4.33	2.69	3.34	2.77	34.04
1912	5.75	2.07	4.30	2.90	5.42	0.47	2.79	4.28	3.41	3.68	4.85	2.79	42.71
1913	3.00	1.70	5.13	2.67	3.60	1.34	2.12	3.48	5.51	6.52	2.25	3.12	40.44
1914	2.12	1.19	4.63	4.77	2.19	2.86	2.21	4.87	1.50	2.33	2.68	2.00	33.35
1915	3.68	4.59	0.12	2.50	1.63	1.54	11.57	6.41	1.69	2.20	2.64	3.59	42.16
1916	1.46	4.56	1.79	4.18	6.15	6.03	5.77	9.01	6.13	2.31	5.06	2.85	55.30
1917	3.23	1.47	3.29	2.01	1.99	10.75	1.70	7.27	1.73	5.12	1.00	3.72	43.28
1918	2.72	1.92	1.32	2.57	2.53	3.76	4.78	3.80	8.23	5.05	3.77	4.00	44.45
1919	3.31	1.53	6.51	2.43	4.91	2.53	1.88	2.54	4.86	4.99	5.42	1.32	42.23
1920	1.56	6.84	5.20	7.43	2.74	2.48	4.82	1.23	5.78	3.32	5.07	7.77	54.24
1921	1.44	2.81	3.46	4.44	1.40	1.72	1.94	2.97	2.33	2.91	5.87	2.31	33.60
1922	2.42	2.93	4.41	3.83	5.56	6.88	2.43	6.39	1.70	2.20	1.41	2.27	42.43
1923	4.85	1.12	2.24	7.05	1.67	2.47	3.19	2.30	2.06	3.69	4.28	2.50	37.42
1924	3.66	2.30	0.76	5.91	4.14	2.39	1.95	9.27	6.87	0.09	3.17	1.99	42.50
1925	3.27	4.86	6.22	0.88	2.04	4.80	3.13	0.43	4.69	5.77	5.02	2.99	44.10
Av. 15 yrs.	2.98	2.79	3.54	3.62	3.17	3.57	3.57	4.54	4.06	3.52	3.72	3.07	42.15

RAINFALL AT MADISON, ME. Elevation, 257 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.66	2.87	2.75	3.47	1.55	0.95	2.21	4.44	2.39	2.75	4.85	3.23	32.12
1922	2.04	2.48	4.75	3.45	4.29	8.41	2.70	5.29	2.19	1.79	1.85	3.01	42.25
1923	6.81	1.53	4.16	6.76	1.40	3.08	2.98	1.87	2.40	3.56	4.10	2.67	41.32
1924	3.40	2.25	0.93	7.36	4.66	2.12	2.92	4.03	4.99	0.08	1.77	1.69	36.20
1925	2.43	3.03	3.74	0.77	1.75	4.26	3.25	0.35	4.50	6.23	5.12	2.73	38.16
Av. 24 yrs.	3.30	2.92	3.72	3.98	3.51	3.81	3.96	4.18	4.08	3.66	3.36	3.27	43.75

RAINFALL AT MIDDLE DAM, OXFORD CO., ME. Elevation, 1 430 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1905	2.46	0.67	1.50	1.59	3.49	2.96	3.95	4.27	3.65	1.00	1.71	1.84	29.09
1906	2.40	1.32	1.90	1.59	4.93	4.36	2.83	1.42	2.88	3.03	1.51	2.35	30.52
1907	1.03	1.16	1.77	2.55	1.76	2.17	4.03	1.33	5.99	3.37	3.31	2.24	30.71
1908	1.47	2.07	1.57	1.25	5.02	1.90	3.37	3.95	1.81	1.21	1.11	1.96	26.69
1909	5.75	4.67	2.28	3.16	3.81	1.92	2.73	2.14	3.38	1.06	2.35	1.15	34.40
1910	2.85	2.62	1.23	2.90	4.92	2.97	3.75	4.06	3.34	2.05	1.21	1.68	33.58
1911	1.23	1.08	2.97	0.53	0.79	2.80	3.23	7.02	3.64	2.36	2.39	1.94	29.98
1912	1.91	1.69	1.87	1.86	5.56	1.75	2.32	6.57	3.32	1.93	2.28	2.47	33.53
1913	2.47	1.56	3.41	2.67	3.68	2.31	3.24	2.30	2.64	4.72	2.76	1.95	33.71
1914	1.20	1.41	3.01	3.88	2.45	3.12	3.51	5.08	2.54	1.71	1.63	1.40	30.94
1915	1.87	2.47	0.33	1.71	2.55	3.11	7.70	6.14	2.75	2.06	2.26	3.19	36.14
1916	1.31	2.31	1.32	2.68	5.02	6.18	3.65	4.76	5.00	1.86	2.98	2.25	39.32
1917	1.32	1.14	2.16	2.04	1.53	9.06	1.77	6.25	1.85	5.83	0.45	1.52	34.92
1918	1.68	1.88	1.27	1.03	2.74	2.90	3.51	2.49	7.48	6.19	1.90	1.69	34.76
1919	2.13	0.88	2.92	2.52	3.52	4.45	2.56	2.48	3.50	3.11	5.02	1.10	34.19
1920	0.94	2.60	3.65	3.54	1.15	2.52	5.72	4.77	3.23	3.01	3.99	5.74	40.86
1921	0.85	1.15	2.01	3.16	0.91	2.09	3.36	2.80	2.03	3.16	3.86	1.36	26.74
1922	1.29	2.12	2.38	3.02	2.59	8.05	3.13	7.61	2.02	2.36	0.90	1.57	37.04
1923	2.73	0.66	1.80	5.11	2.04	3.65	3.83	3.15	1.70	3.16	3.36	2.31	33.50
1924	1.86	1.70	1.06	2.98	3.02	2.35	3.41	4.86	6.97	0.69	4.96	0.98	34.84
1925	2.57	3.12	4.56	0.86	2.24	4.85	4.55	1.00	5.85	4.80	3.41	1.36	39.17
Av. 21 yrs.	1.97	1.82	2.14	2.41	3.04	3.59	3.63	4.02	3.60	2.79	2.54	2.00	33.55

RAINFALL AT MILLINOCKET, ME. Elevation, 386 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.90	2.90	3.35	3.46	1.26	1.76	2.85	6.34	2.84	3.17	5.34	2.19	37.36
1922	2.32	2.69	3.13	2.55	1.70	10.82	2.11	5.87	0.71	3.25	2.71	2.20	40.06
1923	6.34	1.28	4.47	7.19	1.54	1.87	4.66	1.47	2.86	2.76	3.91	2.53	40.88
1924	3.82	2.13	0.92	3.80	3.61	1.41	2.58	3.04	5.08	0.28	3.83	2.24	32.74
1925	2.86	1.69	4.84	0.82	1.98	6.84	3.21	1.00	5.09	6.07	6.39	3.12	43.91
Av. 26 yrs.	3.49	2.98	3.62	3.24	3.00	3.76	3.86	3.54	3.77	3.81	3.71	3.51	42.29

RAINFALL AT MILO, ME.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	...	...	...	...	...	...	...	4.73	2.30	3.96	...	3.56	....
1922	3.35	2.82	3.32	2.94	3.19	10.94	2.77	5.81	1.82	3.36	2.99	0.98	44.29
1923	3.36	1.05	2.49	4.84	2.28	3.27	3.50	3.59	2.56	3.64	4.60	2.78	37.96
1924	2.35	1.32	0.25	2.42	3.61	1.66	3.05	3.21	3.80	2.28	3.86	1.24	29.05
1925	2.27	1.49	4.07	0.47	2.55	5.19	2.29	1.61	6.01	7.09	5.97	1.73	40.74
Av. 4 yrs.	2.83	1.67	2.53	2.67	2.91	5.27	2.90	3.55	3.55	4.09	4.36	1.68	38.01

RAINFALL AT OLD TOWN, ME. Elevation, 95 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1913	...	...	4.86	2.37	3.58	1.11	4.48	3.11	3.88	7.31	1.78	2.66	....
1914	2.16	1.98	3.03	5.24	0.91	3.55	2.85	2.78	1.13	3.04	1.97	2.52	31.16
1915	2.84	3.83	0.15	2.22	5.58	2.68	7.22	5.42	1.37	2.48	2.52	3.46	39.77
1916	1.44	2.73	1.47	2.57	4.12	4.80	4.12	1.93	4.32	2.23	2.30	5.94	37.97
1917	3.51	2.39	3.71	2.92	4.43	7.92	3.94	3.26	1.44	5.46	1.72	2.97	43.67
1918	3.36	3.24	1.68	2.34	1.97	2.54	6.44	2.42	6.38	5.77	3.42	4.08	43.64
1919	3.34	1.59	3.78	2.57	4.43	1.19	5.23	1.61	3.97	2.99	2.92	1.76	35.38
1920	1.04	7.71	4.06	5.78	2.01	2.14	4.46	2.48	5.21	4.00	4.75	4.74	48.38
1921	1.70	2.60	3.18	3.78	0.88	1.12	1.80	2.90	2.52	2.80	6.14	1.28	30.70
1922	1.98	2.02	3.05	3.41	1.99	10.05	2.91	6.64	2.50	2.79	2.62	3.08	43.04
1923	5.12	1.51	3.27	6.33	1.78	2.64	4.13	2.50	1.73	3.26	3.37	3.50	39.14
1924	3.24	1.64	1.22	3.81	3.63	2.57	2.31	4.15	3.52	1.07	2.53	2.59	32.28
1925	2.28	2.26	4.15	1.02	1.91	4.39	3.42	1.31	7.14	7.19	5.52	2.85	43.44
Av. 12 yrs.	2.67	2.79	2.73	3.50	2.80	3.80	4.07	3 12	3 44	3.59	3.31	3.23	39.05

RAINFALL AT ORONO, ME. Elevation, 129 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.76	1.98	3.27	2.96	0.71	1.03	1.93	2.44	2.00	2.02	4.88	1.01	25.99
1922	1.84	2.28	3.33	2.97	1.05	8.66	2.26	5.39	2.10	2.78	2.25	3.42	38.33
1923	5.81	1.62	3.43	6.98	1.87	2.86	3.86	1.65	2.15	2.92	3.16	3.73	40.04
1924	4.46	3.07	1.44	3.98	3.03	2.47	1.91	3.69	3.32	1.39	3.59	**2.59**	34.94
1925	4.47	2.16	**4.15**	1.45	2.30	4.31	3.38	1.07	7.70	7.21	4.43	**2.85**	45.48
Av. 56 yrs.	3.86	3.49	3.79	2.96	3.20	3.36	3.40	3.29	3.52	3.79	3.63	3.45	41.74

RAINFALL AT OQUOSSOC, FRANKLIN CO., ME. Elevation, 1 534 feet.
(Union Water Power Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1917	1.75	1.63	2.03	2.53	2.51	9.21	2.31	6.47	3.50	4.27	1.87	4.28	42.36
1918	4.50	2.73	2.20	1.00	2.46	1.82	5.40	4.84	5.97	5.45	4.26	3.95	44.58
1919	1.73	2.72	2.96	2.58	5.09	0.92	1.56	1.83	4.12	2.79	4.80	1.25	32.35
1920	1.90	4.99	4.18	3.21	1.09	2.79	4.77	3.18	6.02	1.69	4.02	5.99	43.83
1921	1.50	2.82	3.15	2.16	0.69	0.29	2.70	2.38	2.30	3.35	6.29	1.77	29.40
1922	3.58	3.29	2.65	3.30	2.65	8.74	2.97	7.79	2.30	2.48	1.19	3.29	44.23
1923	3.50	1.64	2.40	4.97	1.43	3.73	3.36	2.38	2.01	3.54	3.77	2.44	35.17
1924	2.97	1.68	1.22	4.13	1.95	1.33	3.03	2.72	6.09	0.13	3.71	1.61	30.57
1925	2.82	3.03	4.90	0.90	1.87	3.84	2.00	0.38	5.88	5.50	3.58	1.36	36.06
Av. 9 yrs.	2.70	2.73	2.86	2.75	2.19	3.63	3.12	3.55	4.24	3.25	3.72	2.88	37.62

RAINFALL AT PORTLAND, ME. Elevation, 99 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.83	4.24	2.61	3.41	2.06	2.70	3.20	2.59	1.64	2.18	6.85	3.35	36.66
1922	3.40	5.05	3.85	5.17	5.72	10.47	2.50	2.75	1.80	2.13	1.33	4.81	48.98
1923	8.55	1.87	3.96	4.98	1.97	2.89	2.92	3.18	0.83	3.20	2.68	3.58	40.61
1924	4.50	3.84	0.89	6.48	4.27	1.74	2.42	3.36	4.09	0.09	0.91	2.20	34.79
1925	6.04	3.27	6.12	2.54	1.24	3.51	2.62	0.55	1.75	4.75	3.01	3.51	38.91
Av. 55 yrs.	3.80	3.72	3.82	3.37	3.39	3.34	3.31	3.31	3.14	3.24	3.54	3.71	41.69

RAINFALL AT RUMFORD FALLS, ME. Elevation, 505 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.02	2.13	3.08	2.90	1.03	1.31	2.86	4.90	2.40	2.73	5.10	2.11	31.57
1922	1.91	2.45	3.97	3.46	4.25	11.71	1.15	5.41	2.94	2.32	0.97	2.38	42.92
1923	4.47	0.95	2.30	6.55	2.36	2.09	2.66	2.95	2.04	3.77	4.15	2.92	37.21
1924	3.52	1.92	0.91	5.16	2.64	2.30	4.15	4.89	9.81	0.03	3.65	1.31	40.29
1925	2.77	3.70	6.17	0.62	1.39	4.17	5.12	1.16	6.26	4.71	4.62	2.87	43.56
Av. 32 yrs.	2.92	3.01	3.41	3.27	3.25	3.62	3.74	3.65	3.72	3.12	3.31	2.95	39.97

RAINFALL AT UPPER DAM, OXFORD CO., ME. Elevation, 1 470 feet.
(Union Water Power Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1909	5.36	4.40	1.62	2.65	3.83	1.22	2.18	1.69	3.86	1.02	2.58	1.15	31.56
1910	3.03	4.01	1.61	3.24	5.40	2.79	3.15	3.59	2.62	1.82	1.82	1.33	34.41
1911	1.30	1.45	3.80	0.78	0.77	3.61	3.34	5.33	3.28	2.02	2.33	2.79	30.80
1912	2.10	2.37	2.27	1.92	4.45	1.75	1.99	5.44	3.10	1.64	2.69	2.38	32.10
1913	3.07	1.78	4.76	2.36	3.28	1.55	2.75	1.90	1.96	4.36	2.22	2.18	32.17
1914	1.32	1.70	2.88	4.62	1.87	2.19	3.52	3.59	1.81	2.03	1.80	1.24	28.57
1915	1.76	2.33	0.14	1.34	2.06	2.83	7.47	4.94	1.93	1.59	1.87	3.04	31.30
1916	0.89	2.15	2.03	2.48	5.20	5.18	3.30	3.97	3.86	1.83	3.11	2.31	36.31
1917	1.94	1.50	1.68	2.13	2.16	8.77	1.40	5.44	2.28	5.18	0.63	2.22	35.33
1918	2.63	2.69	1.76	0.98	2.74	3.38	3.60	2.03	6.06	6.40	1.81	2.60	36.68
1919	1.86	0.85	2.13	2.05	3.55	2.86	1.92	2.97	3.01	2.55	5.02	1.03	29.80
1920	1.10	2.88	3.75	3.76	0.99	2.59	3.53	3.58	2.60	3.18	4.24	5.86	38.06
1921	0.92	1.64	1.83	2.71	0.39	1.68	1.85	2.24	1.57	2.57	3.72	1.28	22.40
1922	1.79	2.08	1.93	2.77	1.95	7.10	1.73	7.99	1.68	1.96	0.87	2.37	34.22
1923	3.27	1.02	1.77	4.98	1.33	2.49	2.27	1.91	1.32	2.70	2.09	3.31	28.46
1924	2.03	0.86	0.79	3.23	2.13	1.25	3.22	3.13	5.95	0.11	3.23	1.27	27.20
1925	3.02	2.44	3.14	0.77	1.27	4.11	2.45	0.42	5.83	5.60	3.09	0.95	33.09
Av. 40 yrs.	2.48	2.07	2.58	2.19	2.87	3.32	3.33	3.30	3.14	2.45	2.67	2.38	32.78

RAINFALL AT VAN BUREN, ME. Elevation, 510 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.83	1.01	2.68	2.90	0.86	2.02	3.15	5.32	3.55	4.98	2.36	1.08	31.74
1922	1.47	1.95	1.25	2.04	1.94	10.45	2.19	4.23	0.78	2.68	1.37	1.48	31.83
1923	3.34	0.75	2.94	3.69	2.40	0.77	2.23	3.23	2.54	2.92	3.24	2.37	30.42
1924	5.58	1.46	1.31	2.59	4.03	2.28	2.90	4.79	2.84	1.00	1.91	1.68	32.37
1925	2.60	2.86	3.17	1.68	2.15	2.51	2.97	2.86	3.97	5.19	6.36	2.02	38.34
Av. 17 yrs.	2.55	2.28	2.47	2.12	3.00	3.75	3.53	3.52	3.01	3.36	2.29	2.56	34.44

RAINFALL AT WEST MOXIE (THE FORKS), ME.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	1.76	5.42	3.00	4.99	**1.80**	4.25	4.60	6.40	3.33	**2.87**	2.53	5.59	46.54
1921	1.17	**2.11**	**2.37**	3.32	2.99	1.42	7.11	1.94	2.41	2.92	4.51	1.41	33.68
1922	2.17	2.02	1.66	2.48	3.48	10.18	2.03	3.78	1.20	1.86	3.51	1.94	36.31
1923	4.04	1.33	2.43	5.50	1.36	3.24	3.80	2.74	1.91	4.08	5.56	1.06	37.05
1924	1.94	1.46	0.41	4.01	3.25	2.61	3.49	3.07	2.83	0.35	3.35	1.24	28.01
1925	1.82	2.15	3.09	1.21	1.96	6.58	5.52	0.88	4.45	5.77	4.03	1.09	38.55
Av. 6 yrs.	2.15	2.42	2.16	3.58	2.47	4.71	4.43	3.13	2.69	2.98	3.91	2.06	36.69

RAINFALL AT WINSLOW, ME. Elevation, 90 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.83	1.01	2.68	2.90	0.86	2.02	3.15	5.32	3.55	4.98	2.36	1.08	31.74
1922	1.74	2.57	4.64	2.83	4.61	7.68	6.48	7.07	2.84	2.81	2.32	2.12	47.71
1923	4.80	1.00	2.80	6.48	1.34	2.90	3.78	1.65	2.25	3.06	3.75	2.37	36.18
1924	3.16	1.74	0.68	4.50	3.06	2.98	2.08	4.14	3.88	0.15	2.58	2.02	30.97
1925	1.92	1.97	5.56	0.82	1.52	3.81	4.29	0.83	5.30	6.85	4.02	3.32	40.21
Av. 30 yrs.	2.84	2.43	3.40	2.97	2.90	3.12	3.79	3.41	3.59	3.35	2.92	2.71	37.43

RAINFALL AT WOODLAND, ME.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	0.92	5.32	3.40	7.31	1.37	2.24	2.30	2.60	6.72	2.55	3.35	5.72	43.80
1921	2.19	2.85	3.57	2.55	1.53	0.89	0.97	2.95	2.78	2.48	5.31	1.56	29.63
1922	2.63	1.86	3.00	2.04	1.57	4.18	2.60	5.12	1.63	3.43	1.74	1.93	31.73
1923	4.70	1.23	2.78	7.57	1.37	2.57	2.36	3.46	1.05	3.05	3.17	3.17	36.48
1924	3.92	1.17	0.91	3.91	3.45	2.01	1.44	6.28	3.92	1.67	3.19	2.56	34.43
1925	2.77	1.92	4.25	0.88	1.49	3.72	1.44	2.95	4.69	9.08	5.69	2.30	41.18
Av. 6 yrs.	2.86	2.39	2.99	4.04	1.80	2.60	1.85	3.89	3.47	3.71	3.74	2.87	36.21

RAINFALL AT WYTOPITLOCK, ME.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1918	2.69	1.86	1.16	1.11	2.72	4.46	4.03	1.62	6.52	3.84	4.41	2.28	36.70
1919	2.47	1.45	3.62	2.52	4.86	2.70	3.37	3.13	3.35	4.02	3.20	1.35	36.04
1920	0.70	**4.80**	3.77	4.31	1.01	2.28	3.03	2.42	10.75	3.41	1.49	4.82	42.79
1921	1.85	2.08	2.48	3.76	0.25	2.38	1.47	5.86	2.84	2.25	5.01	1.14	31.37
1922	2.57	2.04	2.75	2.11	1.28	11.21	2.32	6.07	0.93	2.36	1.66	2.10	37.40
1923	5.25	0.78	2.60	5.99	0.93	2.21	1.94	1.77	1.97	3.94	2.69	2.80	32.87
1924	4.38	**1.44**	0.35	3.42	2.61	2.24	2.08	2.54	3.62	0.89	3.15	1.96	28.68
1925	1.86	2.51	3.23	1.03	2.03	3.48	4.61	1.12	5.11	8.36	5.38	2.59	41.31
Av. 8 yrs.	2.72	2.12	2.49	3.03	1.96	3.87	2.86	3.07	4.39	3.63	3.37	2.38	35.89

NEW HAMPSHIRE.

RAINFALL AT ALSTEAD, N. H. Elevation, 1 120 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.32	2.34	2.84	4.86	1.89	5.22	5.94	2.70	3.97	2.63	6.72	**1.64**	42.07
1922	1.68	1.81	5.37	3.26	4.14	6.50	2.73	4.63	2.49	1.28	**1.46**	**2.61**	37.96
Av. 29 yrs.	2.61	2.71	3.42	3.08	3.27	3.51	4.13	4.30	3.91	2.98	3.13	3.07	40.12

RAINFALL AT BERLIN, N. H. Elevation, 1 090 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.97	2.03	2.72	2.76	1.25	1.60	3.90	3.48	2.22	2.96	4.35	2.75	30.99
1922	2.32	2.04	4.09	2.91	3.39	8.36	1.41	5.98	3.03	2.02	0.92	3.16	39.64
1923	3.73	1.10	2.36	5.77	1.69	3.23	2.35	2.90	1.23	2.82	5.44	2.66	35.28
1924	3.03	1.78	1.23	5.76	1.88	2.67	2.63	4.86	5.74	0.22	5.61	1.37	36.78
1925	3.18	2.90	4.34	1.01	2.41	5.05	4.01	4.93	4.43	4.51	3.22	1.49	41.48
Av. 8 yrs.	2.59	2.36	3.33	3.21	1.98	3.59	2.65	4.10	4.04	3.04	3.95	2.67	37.51

RAINFALL AT BERLIN (PONTOCOOK), N. H.
(Union Water Power Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1911	2.37	1.97	4.41	1.29	0.63	2.64	3.25	5.45	3.70	3.12	3.35	3.68	35.86
1912	3.19	1.95	3.21	2.34	4.88	1.86	2.23	5.41	3.13	1.93	2.68	3.19	36.00
1913	4.03	1.76	6.60	2.62	3.23	1.95	3.00	2.35	2.77	5.07	2.24	2.50	38.12
1914	1.92	1.33	3.07	4.84	1.55	2.70	4.05	4.78	2.57	1.33	2.53	1.90	32.57
1915	3.19	2.89	0.33	2.73	1.54	2.58	7.50	5.49	3.87	2.12	2.30	3.51	38.05
1916	2.71	3.02	2.07	2.65	4.06	7.18	6.31	5.18	4.92	2.06	4.07	2.02	46.25
1917	2.91	1.96	3.31	2.50	2.20	10.08	2.41	6.15	2.13	5.31	0.75	2.45	42.16
1918	2.05	2.81	2.12	1.83	3.10	3.40	3.81	4.21	6.92	7.33	2.65	3.17	43.40
1919	2.48	1.57	3.09	2.77	3.26	3.47	1.57	2.53	5.36	6.20	4.13	1.73	38.16
1920	1.82	3.62	4.66	4.90	1.14	2.26	4.30	2.38	4.74	2.23	4.78	5.29	42.12
1921	1.44	2.07	2.61	3.12	1.47	1.49	4.79	3.79	2.48	3.37	5.95	2.07	34.65
1922	2.34	3.90	3.03	4.24	2.40	10.05	2.07	4.81	2.10	2.37	1.40	2.98	41.69
1923	4.01	1.27	3.44	5.84	1.34	3.14	4.25	2.17	2.06	3.38	4.34	3.97	39.21
1924	2.98	1.85	1.22	3.90	2.81	2.99	3.87	5.16	5.88	0.15	3.77	2.02	36.60
1925	2.86	3.46	4.50	0.94	2.67	5.48	5.12	0.98	7.47	6.45	4.50	1.89	46.32
Av. 15 yrs.	2.69	2.36	3.18	3.10	2.42	4.08	3.90	4.06	4.01	3.49	3.30	2.82	39.41

RAINFALL AT BETHLEHEM, N. H. Elevation, 1 470 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.07	1.79	2.55	2.60	1.23	2.15	5.27	3.86	1.84	2.63	4.79	2.23	32.01
1922	1.61	2.48	**4.36**	**2.88**	**2.97**	**9.80**	**1.79**	4.62	2.41	1.07	1.16	2.26	37.41
1923	3.05	**1.05**	1.25	5.57	2.22	2.01	3.31	2.62	1.74	2.59	3.63	2.76	31.80
1924	1.18	0.90	0.91	2.60	1.71	3.12	4.48	2.78	5.99	0.09	4.39	0.99	29.14
1925	1.24	1.55	2.67	1.22	2.33	3.98	7.02	0.88	4.15	4.14	2.46	0.59	32.23
Av. 33 yrs.	2.21	2.25	2.92	2.73	2.98	3.83	4.07	3.67	3.89	2.94	2.76	2.45	36.70

RAINFALL AT CONCORD, N. H. Elevation, 350 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.58	2.48	2.58	4.27	2.82	4.16	5.26	1.60	2.40	2.09	4.34	2.64	36.22
1922	1.73	2.65	5.00	2.11	5.30	7.88	1.89	2.63	2.72	2.27	1.12	1.73	37.03
1923	3.78	1.03	1.42	4.82	1.47	1.42	4.35	2.19	2.51	2.97	6.10	3.09	35.15
1924	3.82	1.57	0.55	4.64	2.35	1.59	1.74	2.67	6.04	0.05	1.89	1.74	28.65
1925	1.79	2.46	5.93	1.99	1.89	2.61	3.49	1.48	1.67	4.25	2.75	2.60	32.91
Av. 69 yrs.	2.99	2.74	3.18	2.94	3.14	3.24	3.65	3.70	3.36	3.31	3.25	3.04	38.54

RAINFALL AT DURHAM, N. H. Elevation, 88 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.50	2.22	2.40	4.61	1.98	3.32	4.70	2.61	1.30	2.52	6.64	2.55	36.35
1922	1.77	3.30	4.68	2.29	5.51	11.92	3.40	2.90	3.20	3.59	1.63	3.08	47.27
1923	5.39	1.56	2.24	6.06	2.03	2.32	2.11	2.50	0.97	3.21	4.62	4.17	37.18
1924	5.28	2.69	0.81	**6.06**	2.82	1.22	2.47	2.89	6.23	0.50	3.15	2.51	36.63
1925	2.31	2.70	4.73	2.12	1.88	2.95	4.38	1.41	2.55	4.29	3.79	4.16	37.27
Av. 31 yrs.	3.36	2.92	3.20	3.31	3.09	3.57	3.36	3.17	3.75	3.04	3.02	3.46	39.25

RAINFALL AT ERROL, N. H. Elevation, 1 260 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1908	2.07	3.89	2.66	2.69	3.71	1.98	2.45	3.23	1.73	1.01	1.81	2.75	29.98
1909	6.34	4.67	2.28	2.93	4.04	1.92	2.58	2.29	2.38	3.41	2.55	1.62	37.01
1910	3.09	4.04	0.99	2.90	4.42	2.74	3.75	3.31	2.54	1.91	1.22	2.83	33.74
1911	1.87	1.81	4.46	1.19	0.74	2.93	4.08	6.18	4.41	2.85	2.99	3.48	36.99
1912	2.73	2.13	2.98	2.13	4.90	2.46	2.54	5.14	3.91	2.25	3.52	2.78	37.47
1913	4.37	1.44	5.18	2.61	2.84	2.11	3.36	2.16	2.54	4.97	2.31	2.06	35.95
1914	1.76	2.04	3.20	4.61	2.01	2.57	4.78	4.33	2.41	1.46	2.47	2.26	33.90
1915	3.01	3.22	0.29	2.75	1.59	2.72	9.95	3.52	3.10	2.10	1.82	3.37	37.44
1916	2.44	2.80	1.83	2.86	4.63	6.49	4.75	3.98	5.23	2.80	3.54	2.64	43.99
1917	3.11	2.05	3.27	2.37	2.57	9.97	1.72	6.59	2.36	6.08	0.82	2.97	43.88
1918	1.99	3.24	1.95	1.68	2.98	3.39	3.30	4.18	7.12	7.17	2.84	3.50	43.34
1919	2.41	1.56	3.00	3.29	4.03	3.09	2.24	2.67	4.62	6.61	3.66	1.28	38.46
1920	1.86	2.94	3.50	5.36	1.03	2.35	5.49	3.48	4.36	2.23	4.29	5.79	42.68
1921	1.36	2.04	2.78	2.40	1.34	1.30	2.63	3.23	2.43	3.60	6.62	2.47	32.20
1922	3.14	3.77	2.84	4.42	2.95	10.27	2.44	13.60	1.72	2.39	1.71	2.67	51.92
1923	4.40	1.51	2.75	5.82	1.97	2.89	2.83	2.52	2.15	3.97	4.44	4.22	39.47
1924	2.70	1.86	1.16	3.98	2.52	2.36	4.56	4.77	6.28	0.27	3.85	1.77	36.08
1925	2.60	3.70	4.42	1.00	2.64	5.46	3.54	1.45	6.94	6.64	4.49	1.90	44.78
Av. 41 yrs.	2.78	2.65	2.88	2.58	2.81	3.80	3.72	3.97	3.42	3.01	3.02	2.85	37.49

RAINFALL AT FITZWILLIAM, N. H. Elevation, 1 100 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	2.61	5.12	4.54	7.09	2.97	4.77	4.30	5.02	7.16	1.03	4.57	7.26	56.44
1921	2.12	2.83	4.10	6.32	2.54	3.01	3.70	2.81	3.09	2.52	6.72	2.65	42.41
1922	2.47	3.11	6.06	1.98	4.85	14.21	5.11	5.51	2.40	2.70	1.95	3.78	54.13
1923	5.80	2.17	2.99	4.57	1.85	1.98	7.03	2.85	2.26	4.38	5.74	3.22	44.84
1924	3.46	1.31	0.86	5.15	3.13	1.34	2.30	4.00	6.64	T	3.40	2.08	33.67
1925	2.00	3.93	4.50	2.76	2.24	5.06	4.80	2.22	3.14	4.07	3.37	2.24	40.33
Av. 6 yrs.	3.08	3.08	3.84	4.65	2.93	5.06	4.54	3.73	4.11	2.45	4.29	3.54	45.30

RAINFALL AT FRANKLIN, N. H. Elevation, 440 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.58	2.35	2.74	4.92	1.97	3.41	5.06	1.85	2.53	2.18	5.93	2.29	36.81
1922	2.01	3.28	5.89	3.44	4.89	10.97	1.63	2.63	1.36	1.90	1.02	2.17	41.19
1923	4.41	1.72	2.76	5.05	1.26	1.56	4.22	2.04	3.15	3.62	5.13	3.72	38.64
1924	3.05	2.26	0.64	6.11	3.35	2.04	2.37	4.14	5.83	0.30	2.39	2.20	34.68
1925	2.26	3.28	7.35	2.19	1.84	4.77	3.60	2.18	3.57	4.23	3.62	2.39	41.28
Av. 24 yrs.	2.89	2.82	3.44	3.44	3.02	3.94	3.65	3.68	3.99	2.82	2.91	3.01	39.61

RAINFALL AT GARVINS FALLS, N. H. Elevation, 225 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1922	1.87	2.88	6.63	2.09	5.13	8.18	2.86	3.04	2.21	1.88	1.18	4.06	42.01
1923	5.93	1.08	1.73	4.79	1.58	1.70	4.56	2.06	1.93	3.50	5.50	4.89	39.25
1924	4.88	2.31	0.81	5.51	2.85	1.47	1.30	3.60	6.56	1.01	2.41	2.32	35.03
1925	2.73	3.34	7.00	2.44	2.00	3.22	3.68	1.24	2.16	4.40	3.26	2.68	38.15
Av. 4 yrs.	3.85	2.40	4.04	3.71	2.89	3.64	3.10	2.49	3.21	2.70	3.09	3.49	38.61

RAINFALL AT GORHAM, N. H.
(Union Water Power Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1911	1.59	1.19	3.56	0.78	0.79	2.04	2.31	4.82	3.18	2.33	2.95	1.97	27.51
1912	2.88	2.24	1.92	1.83	4.59	1.67	2.15	4.29	5.67	2.88	2.83	2.49	35.44
1913	3.01	1.78	5.02	2.64	4.18	1.99	2.17	1.34	3.28	5.89	5.31	2.80	39.41
1914	1.30	1.66	5.90	5.52	0.96	2.15	5.03	4.71	1.59	0.73	2.80	1.40	33.75
1915	2.23	3.89	0.27	1.85	1.95	1.80	6.87	4.64	1.80	2.07	2.66	4.04	34.07
1916	1.55	4.17	1.69	3.59	3.74	6.65	5.07	4.55	4.25	1.46	2.35	3.96	43.03
1917	2.37	1.40	3.35	3.34	2.16	8.16	1.40	6.70	1.69	7.39	0.31	2.40	40.67
1918	1.77	3.19	1.27	1.66	2.54	2.78	1.39	3.42	6.51	4.67	2.35	2.09	33.64
1919	2.14	0.74	4.51	1.57	2.49	1.73	1.60	2.46	3.87	3.77	5.48	1.09	31.45
1920	1.12	3.67	4.01	5.43	0.69	2.90	3.26	3.11	4.32	3.34	5.24	6.71	43.80
1921	0.81	1.33	2.68	3.48	1.34	3.06	5.36	3.04	1.93	3.46	3.46	2.54	32.49
1922	2.34	2.45	3.42	3.50	4.48	9.66	1.19	4.12	2.93	2.17	1.00	2.78	40.04
1923	3.70	0.65	1.75	6.13	1.48	2.71	2.20	2.83	0.95	3.48	5.26	3.37	34.51
1924	3.56	1.66	1.10	6.36	4.06	2.36	2.35	4.71	7.38	0.17	6.27	1.06	41.04
1925	2.52	2.88	5.33	1.03	2.56	4.76	4.89	0.88	4.23	4.36	4.97	1.74	40.15
Av. 15 yrs.	2.19	2.19	3.05	3.25	2.53	3.63	3.15	3.71	3.57	3.21	3.55	2.70	36.73

RAINFALL AT GREGGS FALLS, N. H.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1922	3.10	5.24	5.52	2.77	5.42	8.89	5.02	3.77	1.96	3.04	1.16	3.55	49.44
1923	6.52	1.60	1.98	5.16	1.51	1.64	5.17	2.67	1.93	4.18	5.87	5.67	43.90
1924	5.38	2.38	1.23	6.18	3.84	1.43	1.55	2.43	5.52	1.04	3.21	2.69	36.88
1925	3.19	3.37	6.46	2.29	2.28	3.92	5.29	1.69	2.25	4.79	3.95	3.35	42.83
Av. 4 yrs.	4.55	3.15	3.80	4.10	3.26	3.97	4.26	2.64	2.91	3.26	3.55	3.81	43.26

RAINFALL AT HANOVER, N. H. Elevation, 603 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.89	2.03	4.12	4.19	0.96	2.69	2.27	3.04	2.33	2.65	5.11	1.37	31.65
1922	2.32	2.67	4.61	3.73	2.76	7.78	3.02	4.09	2.52	2.29	0.96	2.27	39.02
1923	2.66	1.48	2.41	5.72	2.50	1.06	3.95	1.30	3.35	4.89	5.20	2.86	37.38
1924	3.63	2.15	0.78	5.72	3.16	2.21	2.35	4.17	7.82	0.12	3.55	0.86	36.52
1925	2.67	1.41	2.95	3.08	1.58	5.59	6.64	1.69	4.49	4.32	3.27	1.33	39.02
Av. 80 yrs.	2.69	2.41	2.69	2.54	3.22	3.55	3.45	3.44	3.27	3.15	2.85	2.64	35.90

RAINFALL AT KEENE, N. H. Elevation, 506 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.53	2.10	3.94	4.64	2.98	5.54	4.30	1.89	2.25	1.96	6.44	1.94	39.51
1922	2.21	2.78	5.24	3.21	3.59	7.73	4.84	4.59	1.79	2.40	1.70	2.68	42.76
1923	4.77	1.41	2.01	4.05	1.57	1.55	4.63	3.44	4.39	3.95	5.49	3.71	40.97
1924	3.26	2.38	1.13	4.57	2.93	1.58	2.70	3.20	5.27	0.23	2.64	2.70	32.59
1925	2.37	3.68	4.18	2.67	1.49	3.57	4.41	2.55	3.35	3.47	3.38	1.63	36.75
Av. 34 yrs.	2.69	2.74	3.18	2.85	3.10	3.14	3.85	4.00	3.58	2.71	2.90	2.99	37.73

RAINFALL AT LAKEPORT, N. H. Elevation, 500 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.83	3.32	5.10	3.07	1.22	4.31	5.37	1.69	2.85	2.40	6.25	3.69	41.10
1922	2.59	3.55	6.35	4.31	3.87	8.45	1.89	2.91	1.50	1.84	1.20	4 16	42.62
1923	6.74	1.82	3.24	5.33	1.91	1.42	3.27	2.36	2.73	3.03	6.96	3.22	42.03
1924	3.63	4.10	0.72	7.84	3.39	1.90	3.33	4.58	5.54	0.04	4.04	2.45	41.56
1925	3.46	3.64	6.79	3.22	1.75	4.52	3.87	1.70	3.97	4.27	3.72	2.34	43.25
Av. 69 yrs.	3.54	3.47	3.89	3.23	3.19	3.28	3.86	3.55	3.61	3.40	3.71	3.52	42.25

RAINFALL AT LANCASTER, N. H. Elevation, 880 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	2.89	1.89	2.59	3.40	1.97	...	...	...	2.53	2.81	2.99	1.07	....
1920	1.36	1.80	1.88	3.67	1.51	...	...	...	2.25	2.24	1.55	2.85	....
1921	0.63	0.66	0.75	1.61	0.57	...	...	...	1.08	2.18	3.39	1.89	....
1922	1.28	2.24	1.33	1.90	1.55	...	...	...	0.90	2.11	1.00	2.21	....
1923	2.47	0.66	1.49	4.28	0.89	...	...	...	0.88	1.36	3.02	3.25	....
1924	2.18	0.61	1.43	3.09	1.21	...	...	...	3.90	1.02	2.83	1.13	....
1925	2.22	3.12	1.65	1.06	1.31	...	...	...	6.68	3.58	2.21	0.62	....

RAINFALL AT LINCOLN, N. H. Elevation, 1 100 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.95	2.05	4.89	4.47	1.43	1.78	5.18	5.27	3.35	3.34	5.63	3.68	43.02
1922	1.52	3.41	4.89	4.21	4.30	11.59	1.62	5.72	2.19	2.91	1.77	3.18	47.31
1923	5.26	1.66	3.16	2.93	2.71	2.73	2.65	2.57	2.94	4.48	5.12	5.74	41.95
1924	3.27	2.75	1.16	5.89	5.36	3.48	3.87	4.83	8 25	2.03	4.90	2.42	48.21
1925	2.94	4.22	6.66	1.81	3.28	5.22	8.33	1.45	6.29	5.34	5.57	1.72	52.83
Av. 5 yrs.	2.99	2.82	4.15	3.86	3.41	4.96	4.33	3.97	4.60	3.62	4.60	3.35	46.66

RAINFALL AT MANCHESTER, N. H. Elevation, 200 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.98	2.17	2.36	4.46	2.67	3.06	6.38	3.31	1.43	3.11	7.26	2.63	40.82
1922	2.26	2.91	4.78	2.67	5.37	8.52	5.30	3.23	2.44	2.92	0.97	3.41	44.78
1923	6.10	1.67	1.90	4.36	1.59	2.19	5.94	2.29	2.06	3.85	6.10	4.76	42.81
1924	4.38	2.77	1.14	5.38	2.95	1.09	1.61	2.71	5.54	0.62	2.42	2.06	32.67
1925	2.74	3.27	6.79	2.18	1.90	2.69	5.50	1.65	2.51	4.38	3.20	2.69	39.50
Av. 51 yrs.	3.22	3.05	3.55	3.01	3.13	3.02	3.54	3.31	3.23	3.02	3.29	3.26	38.63

RAINFALL AT NASHUA, N. H. Elevation, 150 feet.
(Pennichuck Water Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1900	...	...	...	...	...	...	1.33	3.90	4.16	3.40	5.88	2.98	....
1901	0.62	0.66	5.25	7.57	6.17	2.04	2.69	3.50	1.63	3.09	1.47	7.22	41.91
1902	2.20	3.56	4.06	5.61	3.09	2.33	3.14	7.12	4.00	5.94	0.55	4.45	46.05
1903	2.80	3.55	5.48	2.81	0.49	8.04	2.20	3.06	2.35	4.52	2.11	2.79	40.20
1904	2.84	2.10	2.49	8.53	3.47	2.56	1.34	3.67	3.84	0.98	1.36	2.17	35.35
1905	4.09	1.40	2.98	2.03	1.15	4.12	1.44	4.61	4.83	1.23	2.11	3.99	33.98
1906	2.21	2.14	3.97	2.74	7.13	5.84	4.80	3.60	1.02	2.26	2.88	3.44	42.03
1907	2.76	1.26	1.59	2.18	2.59	2.51	4.78	1.69	8.52	3.99	4.81	3.67	40.35
1908	2.69	4.90	2.72	1.69	4.77	1.01	3.46	6.95	0.75	1.87	1.21	2.79	34.81
1909	3.02	5.50	2.85	4.14	1.64	1.72	1.86	2.43	3.94	1.06	2.27	2.97	33.40
1910	4.65	4.70	1.48	2.86	1.57	3.70	2.03	2.68	2.08	1.33	3.18	2.68	32.94
1911	2.23	2.53	3.74	2.02	1.24	2.15	3.99	5.80	2.72	4.24	4.11	3.26	38.03
1912	2.84	2.34	5.72	3.36	4.17	0.50	4.00	3.18	2.28	2.16	3.20	3.95	37.70
1913	2.11	1.96	5.74	3.12	3.51	0.61	1.20	4.26	4.48	7.13	2.56	2.96	39.64
1914	3.13	2.99	4.58	5.30	2.27	1.40	3.49	2.76	0.00	0.92	2.69	3.21	32.74
1915	4.32	2.76	0.00	1.77	1.50	1.04	7.28	5.30	0.80	2.50	2.63	4.23	34.13
1916	1.55	5.21	3.09	4.31	3.75	7.98	2.21	2.23	3.25	0.71	2.55	3.23	40.07
1917	2.96	2.58	3.67	2.02	2.37	3.88	1.85	3.80	0.82	3.97	1.00	3.30	32.22
1918	3.15	2.57	2.22	2.47	1.58	2.93	2.90	1.96	7.43	0.75	2.48	2.71	33.15
1919	3.64	2.82	4.65	2.28	4.95	1.42	2.07	2.32	4.16	2.79	6.51	1.52	39.13
1920	2.03	4.97	3.77	6.70	3.47	5.00	3.55	4.39	10.29	1.10	4.41	6.12	55.80
1921	2.47	1.99	2.43	5.77	2.92	2.09	7.49	1.70	1.54	2.52	8.79	2.34	42.05
1922	1.44	2.88	5.46	2.41	5.25	7.78	2.88	4.72	2.09	2.88	1.43	3.22	42.44
1923	6.21	1.81	2.27	4.64	1.57	2.77	3.34	1.35	1.59	5.24	6.57	5.05	42.41
1924	4.16	2.85	1.72	5.52	3.48	2.45	2.11	4.72	4.23	0.00	2.69	2.23	36.16
1925	2.95	2.98	6.61	2.44	2.14	3.09	4.10	1.64	2.77	4.63	3.41	3.36	40.12
Av. 25 yrs.	2.92	2.92	3.54	3.77	3.05	3.16	3.21	3.58	3.26	2.71	3.08	3.47	38.67

RAINFALL AT NASHUA, N. H. Elevation, 125 feet.
(Nashua Mfg. Co., Jackson Mills.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.93	2.86	2.01	5.27	1.64	1.41	8.16	1.48	1.34	2.49	8.38	1.65	38.62
1922	2.24	2.87	3.65	1.41	3.68	6.87	2.73	3.40	2.42	2.36	1.08	3.14	35.85
1923	6.68	2.75	2.47	4.47	1.41	2.76	3.25	1.56	1.11	3.24	4.83	3.46	37.99
1924	3.15	2.71	1.63	4.71	2.63	2.80	2.05	3.80	3.63	0.52	2.25	1.86	31.74
1925	3.28	2.41	6.32	2.33	2.00	3.46	3.82	1.36	1.75	3.91	3.26	2.83	36.73
Av. 42 yrs.	3.47	3.52	3.72	3.22	3.10	2.98	3.49	3.51	3.17	2.93	3.23	3.42	39.76

RAINFALL AT NEW DURHAM, N. H. Elevation, 640 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1924	...	...	...	6.06	3.81	1.52	2.32	3.43	6.73	1.14	3.45	2.44	...
1925	1.50	3.25	6.67	2.45	2.48	1.72	4.32	2.27	2.42	4.27	3.68	2.56	37.59

RAINFALL AT PITTSBURG, N. H. Elevation, 1 575 feet.
(First Connecticut Lake.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.03	1.92	3.52	2.75	1.94	2.22	2.13	4.17	2.91	3.91	5.37	2.35	35.22
1922	2.17	3.22	2.95	3.73	1.98	8.86	2.48	9.57	1.95	3.45	2.86	2.03	45.25
1923	3.04	1.79	3.03	4.69	2.66	5.72	3.23	2.83	5.87	3.98	4.33	3.59	44.76
1924	3.61	1.57	2.09	4.03	3.03	2.54	5.48	4.91	9.13	1.40	5.11	2.18	45.08
1925	3.20	3.54	3.07	0.86	3.27	5.72	3.36	2.00	8.23	6.98	4.73	2.43	47.39
Av. 8 yrs.	2.62	2.37	2.89	3.23	2.60	4.58	4.17	4.29	6.10	4.76	4.05	3.19	44.85

RAINFALL AT PITTSBURG, N. H. Elevation, 1 575 feet.
(Second Connecticut Lake.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.55	2.40	4.15	3.29	1.25	3.58	2.05	5.08	2.86	4.98	4.73	3.65	40.57
1922	2.32	4.03	3.05	4.63	2.81	10.40	3.55	7.81	5.65	3.85	2.60	2.75	53.45
1923	3.55	2.65	3.25	4.85	3.13	8.05	4.05	2.83	4.80	4.40	4.02	3.82	49.40
1924	3.46	1.42	1.66	4.06	5.47	2.43	7.52	4.75	10.00	2.06	5.04	2.87	50.74
1925	3.18	3.56	3.83	1.69	2.76	6.67	3.10	2.29	9.24	6.63	5.69	2.51	51.15
Av. 8 yrs.	2.75	2.92	3.21	3.41	3.15	5.44	4.78	4.24	6.65	5.15	4.06	3.71	49.47

RAINFALL AT PLYMOUTH, N. H. Elevation, 500 feet.
(Weather Bureau.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.37	2.07	3.86	2.27	0.99	2.99	2.88	2.69	3.22	2.65	5.74	2.29	33.02
1922	1.93	3.58	5.07	3.44	3.94	11.55	2.40	2.91	1.79	1.86	0.92	2.42	41.81
1923	4.50	1.14	2.41	6.27	1.88	1.43	1.92	1.33	2.35	3.60	4.88	3.94	35.65
1924	4.80	1.85	0.67	4.74	3.38	2.75	2.00	4.74	5.67	0.37	2.91	2.25	36.13
1925	2.33	3.22	5.86	2.19	2.36	4.02	6.20	1.30	4.43	4.02	4.24	1.96	42.13
Av. 38 yrs.	3.03	2.82	3.45	2.91	3.14	3.55	3.69	3.77	3.82	3.16	3.16	3.02	39.52

RAINFALL AT PLYMOUTH, N. H. Elevation, 500 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.49	2.10	3.51	3.28	1.10	2.62	2.75	3.00	3.16	1.86	5.37	2.27	32.51
1922	2.04	3.45	5.71	2.28	3.62	10.40	2.04	2.71	1.67	1.83	0.79	2.29	38.83
1923	4.53	1.14	2.35	6.28	1.37	1.17	1.78	1.06	2.19	3.40	5.79	2.71	33.77
1924	4.44	2.32	0.67	5.61	3.28	2.22	2.04	3.70	6.34	0.01	3.12	2.26	36.01
1925	2.52	4.20	5.59	2.14	1.63	3.57	6.19	1.32	3.60	4.54	5.03	2.27	42.60
Av. 5 yrs.	3.00	2.64	3.57	3.92	2.20	3.99	2.96	2.36	3.39	2.33	4.02	2.36	36.74

RAINFALL AT STEWARTSTOWN (WEST), N. H. Elevation, 1 050 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.92	1.27	1.19	2.42	1.07	**3.33**	**3.16**	**3.68**	1.80	4.21	3.87	2.14	29.06
1922	2.17	2.31	2.16	2.75	1.03	7.12	1.47	6.25	1.92	2.50	1.10	1.54	32.32
1923	2.48	0.88	2.03	3.06	2.11	4.11	3.91	2.83	4.37	3.56	2.93	2.20	34.47
1924	2.49	0.94	1.08	2.01	2.25	2.00	3.55	5.90	9.09	1.15	4.04	1.15	35.65
1925	2.21	2.41	2.05	0.73	2.54	6.73	3.10	1.30	6.43	5.37	2.91	1.35	37.13
Av. 12 yrs.	1.97	1.76	1.89	2.14	1.76	4.19	3.49	4.06	4.15	3.63	2.35	1.67	33.06

RAINFALL AT WARREN (GLEN CLIFF), N. H. Elevation, 1 650 feet.
(Benton, N. H., prior to 1914.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.53	2.50	3.10	3.78	1.90	2.92	5.40	4.23	2.63	2.82	5.16	1.78	37.75
1922	1.83	2.46	5.37	3.52	3.26	10.61	3.38	5.06	2.17	2.22	1.18	3.89	44.95
1923	4.07	1.30	2.79	6.69	1.87	2.03	2.79	2.49	2.48	3.55	5.01	2.73	37.80
1924	4.16	2.15	1.29	5.75	2.73	1.98	2.52	4.95	9.19	0.24	4.68	1.51	41.15
1925	2.17	2.72	4.77	1.64	3.02	5.94	6.41	1.86	5.78	4.57	3.79	1.14	43.81
Av. 16 yrs.	2.61	2.54	3.20	3.82	3.07	3.83	4.02	3.98	4.15	3.37	3.41	2.80	40.80

RAINFALL AT WOODSVILLE, N. H. Elevation, 450 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	**2.33**	3.12	2.60	4.91	2.49	4.24	3.40	3.39	5.20	1.90	3.84	4.61	42.03
1921	1.79	2.56	3.86	3.38	2.76	1.69	3.56	3.34	2.89	2.94	4.26	2.42	35.45
1922	1.65	2.98	3.50	2.84	2.11	8.56	2.42	3.77	2.56	3.26	2.08	2.66	38.39
1923	3.55	1.39	1.72	4.26	2.36	2.08	3.67	**2.48**	2.67	3.00	3.57	3.05	33.80
1924	3.26	1.99	1.40	3.90	3.16	3.60	3.29	3.19	8.98	1.44	3.49	1.52	39.22
1925	2.43	2.84	2.59	2.43	2.78	4.98	5.31	1.93	5.21	4.06	2.75	2.22	39.53
Av. 8 yrs.	2.60	3.45	3.23	4.65	3.00	3.54	4.04	2.72	3.44	2.57	2.48	2.54	38.26

(Gage at Wells River, Vt., prior to Oct. 1, 1919.)

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RAINFALL AT BELLOWS FALLS, VT. Elevation, 300 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.40	1.67	2.83	3.11	1.15	4.29	7.48	2.67	1.57	2.08	5.61	1.90	35.76
1922	1.67	2.51	5.36	3.36	5.02	6.76	2.86	3.61	2.42	1.43	1.37	2.61	38.98
1923	4.41	1.33	1.99	4.56	2.61	1.25	5.79	2.24	3.62	4.52	4.46	4.30	41.08
1924	2.93	2.15	0.70	6.66	3.21	1.64	2.69	2.69	5.08	0.95	2.28	1.94	32.92
1925	2.26	3.13	5.14	2.63	1.67	4.72	4.60	1.82	4.58	3.56	3.60	1.78	39.49
Av. 12 yrs.	2.48	2.51	2.89	3.49	2.99	3.26	3.86	3.38	3.32	2.61	2.95	2.58	36.32

RAINFALL AT BLOOMFIELD, VT. Elevation, 900 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.89	1.46	2.26	2.85	1.43	3.33	3.16	3.68	2.55	3.58	5.28	2.14	32.61
1922	1.87	2.78	3.32	3.46	2.21	7.60	3.08	7.99	2.15	2.87	1.43	1.75	40.51
1923	2.96	0.85	2.00	5.42	1.84	3.80	4.77	3.59	3.41	4.10	5.29	2.93	40.96
1924	2.94	1.09	1.37	3.35	3.73	2.20	3.71	4.58	10.48	0.75	**3.64**	1.75	39.59
1925	2.21	3.07	2.38	1.43	3.02	5.10	3.88	1.23	6.13	5.92	4.28	1.15	39.80
Av. 19 yrs.	2.18	1.98	2.32	2.94	2.81	4.10	4.63	4.19	4.41	3.52	2.71	2.28	38.07

RAINFALL AT BURLINGTON, VT. Elevation, 404 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.65	2.09	2.64	2.98	1.00	1.96	2.05	2.98	2.54	3.78	3.69	0.81	27.17
1922	1.26	1.98	2.88	3.38	2.22	9.92	0.98	4.14	2.21	1.98	2.14	1.17	34.26
1923	2.42	0.48	1.79	3.13	2.38	3.76	2.26	2.29	3.74	2.45	3.20	1.35	29.25
1924	2.39	1.59	0.75	4.73	2.60	2.90	1.99	3.27	4.75	0.15	2.39	0.61	28.12
1925	2.12	2.25	3.17	1.66	2.65	4.27	6.50	1.27	5.90	3.99	2.19	1.20	37.17
Av. 91 yrs.	1.82	1.65	2.05	2.13	3.00	3.46	3.81	3.39	3.61	3.24	2.52	1.91	32.59

RAINFALL AT CAVENDISH, VT. Elevation, 910 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.24	2.39	2.72	4.77	3.42	4.77	4.95	3.13	2.00	2.06	6.11	1.48	39.04
1922	2.69	3.00	4.51	4.12	4.35	6.29	1.92	3.10	1.72	1.76	1.40	3.32	38.18
1923	5.58	1.66	3.35	3.96	2.62	1.97	4.88	1.45	3.22	4.54	4.30	4.67	42.20
1924	3.88	2.75	0.64	5.90	4.14	2.22	3.32	4.17	5.75	1.76	3.18	1.83	39.54
1925	3.24	2.84	6.34	3.10	2.59	6.67	6.97	2.00	5.59	4.35	5.53	1.99	51.21
Av. 22 yrs.	2.67	2.43	2.84	3.03	3.44	3.41	3.92	3.28	4.01	2.97	3.02	2.73	37.75

RAINFALL AT CHELSEA, VT. Elevation, 840 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.10	2.83	3.80	2.52	0.78	2.85	2.77	3.09	2.59	2.49	5.63	1.94	32.39
1922	1.87	2.65	4.73	**3.30**	2.83	9.01	1.99	4.27	1.71	2.45	0.89	2.93	38.63
1923	4.49	1.22	2.48	4.93	2.14	1.40	2.61	2.84	3.50	3.91	3.72	2.99	36.23
1924	3.75	3.04	0.63	5.71	3.17	2.04	1.61	3.09	6.42	0.13	3.49	1.37	34.45
1925	2.94	2.90	4.26	2.21	1.88	5.12	5.19	1.32	4.01	4.00	3.81	1.47	39.11
Av. 40 yrs.	2.70	2.63	2.98	2.55	2.98	3.32	3.33	3.56	3.40	2.67	2.90	2.55	35.57

RAINFALL AT CORNWALL, VT. Elevation, 507 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.52	1.23	2.04	2.23	0.57	1.90	7.26	2.10	1.51	2.85	4.22	1.15	27.58
1922	0.79	1.55	2.05	3.97	**2.34**	7.28	2.27	3.08	1.80	1.50	1.08	0.99	28.70
1923	2.84	0.98	1.10	2.35	1.77	2.22	2.48	1.09	2.47	3.67	3.20	1.48	25.65
1924	3.53	1.21	0.49	3.45	2.99	2.38	3.58	3.96	4.93	0.25	1.70	0.71	29.18
1925	**2.02**	1.54	2.64	2.19	2.26	5.28	4.61	3.53	6.41	4.55	2.85	1.33	39.21
Av. 39 yrs.	2.09	1.98	2.09	2.10	2.73	3.38	3.52	3.26	3.21	2.70	2.51	2.04	31.61

RAINFALL AT ENOSBURG FALLS, VT. Elevation, 601 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.13	1.47	3.20	2.84	1.89	2.45	3.27	3.44	2.16	4.52	3.61	1.92	31.90
1922	1.75	2.89	2.17	4.78	2.10	10.04	2.05	5.41	1.68	2.19	2.41	1.40	38.87
1923	2.51	0.88	2.04	3.99	3.18	5.22	1.96	1.86	5.07	4.00	3.38	1.76	35.85
1924	2.75	1.38	1.05	3.84	3.39	2.59	5.32	5.02	7.05	1.18	3.44	1.87	38.88
1925	3.33	3.12	1.57	1.00	3.25	4.89	4.65	1.76	8.36	5.64	3.63	1.98	43.18
Av. 34 yrs.	2.45	2.45	2.72	2.64	3.34	4.33	4.58	3.67	3.97	3.56	3.14	2.65	39.50

RAINFALL AT GUILDHALL, VT. Elevation, 875 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.60	1.27	2.10	2.18	**2.21**	**3.46**	**3.94**	3.90	2.02	3.68	4.20	1.21	30.77
1922	1.34	2.49	1.98	2.66	1.98	8.97	2.37	5.27	2.26	1.77	1.46	1.50	34.05
1923	2.80	0.79	1.96	4.40	1.50	2.06	2.49	2.88	2.29	2.90	2.59	3.67	30.33
1924	2.33	1.32	0.83	3.66	2.14	2.62	3.99	3.56	5.63	0.50	2.32	1.07	29.97
1925	2.24	2.23	2.08	0.93	5.19	5.79	3.51	2.16	3.92	4.75	3.51	0.89	37.20
Av. 12 yrs.	1.75	1.75	1.65	2.25	2.25	3.91	3.81	4.17	3.67	3.17	2.27	1.60	32.25

RAINFALL AT HALIFAX, VT. Elevation, 900 feet.
(Mays Mills.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.15	2.88	3.56	4.61	3.68	5.07	5.14	2.56	2.11	2.55	6.95	1.82	42.08
1922	2.87	2.59	4.47	4.31	4.75	5.97	1.41	5.52	3.22	1.64	1.79	3.43	41.97
1923	9.20	2.45	3.10	2.40	2.52	3.30	3.53	2.53	3.77	5.96	3.20	4.53	46.49
1924	4.17	3.73	0.67	5.71	5.10	1.17	2.65	4.58	8.44	0.00	3.97	2.44	42.63
1925	4.50	4.77	3.73	2.50	2.74	4.25	5.04	2.73	4.70	4.11	6.28	2.50	47.85
Av. 12 yrs.	3.56	3.36	3.20	3.34	3.50	3.00	3.59	3.80	3.96	2.57	3.82	3.44	41.14

RAINFALL AT HARTFORD, VT. Elevation, 400 feet.
(White River Junction.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.93	1.75	3.52	3.27	2.77	1.21	2.31	3.14	2.05	2.03	5.50	1.54	30.02
1922	2.35	2.36	4.92	3.80	2.56	7.37	2.72	4.06	1.72	1.34	0.80	1.80	35.80
1923	4.11	1.08	2.13	5.02	2.15	1.03	3.57	1.17	2.71	4.37	3.63	3.84	34.81
1924	3.43	2.04	0.62	4.64	3.03	1.87	2.22	4.73	6.37	0.83	2.54	1.36	33.68
1925	1.86	2.86	4.58	2.47	2.03	5.34	5.71	1.20	4.44	3.45	3.15	1.15	38.24
Av. 12 yrs.	2.40	2.16	2.88	3.46	2.57	3.36	3.42	3.02	3.28	2.55	2.81	2.34	34.25

RAINFALL AT HYDE PARK, VT. Elevation, 1 300 feet.
(Garfield.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	1.95	1.82	2.96	6.18	1.41	2.34	4.80	4.89	6.42	3.14	2.93	5.60	44.44
1921	1.35	2.43	3.05	**2.46**	1.43	2.81	3.77	3.82	2.30	3.51	5.33	2.18	34.44
1922	2.09	2.93	3.11	4.47	2.15	10.35	1.65	5.01	1.49	1.68	2.15	1.94	39.02
1923	3.19	1.64	2.38	5.14	3.01	4.36	1.91	3.88	4.35	4.41	3.20	3.06	40.53
1924	3.98	2.39	1.08	2.34	4.12	2.65	7.37	3.20	6.91	0.97	3.34	1.79	40.14
1925	2.99	2.60	1.93	1.37	3.11	4.09	5.17	2.30	6.10	4.97	4.06	1.95	40.64
Av. 6 yrs.	2.59	2.30	2.42	3.66	2.54	4.44	4.11	3.85	4.60	3.11	3.50	2.75	39.87

RAINFALL AT LONDONDERRY (SOUTH), VT. Elevation, 1 000 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.77	2.60	2.81	3.96	1.94	3.90	3.87	1.58	1.17	2.13	4.34	1.74	31.81
1922	1.52	2.34	4.80	5.28	5.26	6.81	1.00	2.00	2.79	1.65	1.51	**2.25**	37.21
1923	3.99	1.79	2.54	3.94	2.03	1.54	4.44	0.80	3.19	4.51	2.72	4.25	35.74
1924	4.31	2.14	0.60	6.89	3.86	1.50	1.17	2.15	3.70	1.28	3.49	2.00	33.09
1925	2.16	3.03	5.33	3.26	1.75	6.47	4.00	1.25	4.01	3.79	4.56	2.96	42.57
Av. 12 yrs.	2.56	2.71	2.88	3.90	2.81	3.39	3.62	3.16	2.87	2.64	3.12	2.63	36.29

RAINFALL AT NORTHFIELD, VT. Elevation, 876 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.69	2.02	2.57	2.29	0.69	2.56	5.98	3.51	1.79	2.69	4.66	1.40	30.85
1922	1.21	3.14	4.55	2.88	2.51	7.88	1.18	4.18	2.36	1.63	0.78	1.85	34.15
1923	3.41	0.47	1.84	3.60	1.75	2.94	2.43	1.07	2.37	3.75	3.93	2.25	29.81
1924	2.24	2.19	0.49	4.35	2.78	2.51	3.27	2.23	6.27	0.08	2.55	0.98	29.94
1925	2.01	1.76	2.55	1.68	2.15	3.81	5.24	2.02	4.20	4.17	3.37	1.27	34.23
Av. 38 yrs.	2.26	2.21	2.62	2.32	2.75	3.22	3.46	3.42	3.06	2.69	2.60	2.33	32.94

RAINFALL AT NORWICH, VT. Elevation, 550 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	2.32	1.70	4.30	1.84	5.99	1.51	2.32	3.73	5.38	4.32	4.10	1.83	39.34
1920	3.25	4.05	3.15	6.10	3.01	2.83	2.50	4.42	5.74	1.83	4.89	5.84	47.61
1921	1.21	2.98	3.17	3.90	1.49	2.98	3.26	3.50	3.00	1.94	6.34	2.10	35.87
1922	**2.33**	3.10	4.68	3.56	3.29	6.09	2.91	3.46	2.17	1.96	1.12	4.25	38.92
1923	4.88	**1.27**	2.57	4.72	2.17	1.22	3.86	1.49	3.26	4.96	4.24	3.25	37.89
1924	3.61	2.80	0.85	5.13	3.48	2.51	3.60	4.84	7.68	0.09	3.34	**1.11**	39.04
Av. 32 yrs.	2.77	2.75	3.06	2.85	3.29	3.28	3.62	3.48	3.73	2.86	2.78	2.90	37.37

RAINFALL AT READSBORO, VT. Elevation, 1 220 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.61	3.44	3.78	5.23	3.66	5.87	3.66	3.22	3.16	3.01	8.14	2.31	47.09
1922	2.62	3.20	5.32	4.57	7.62	8.21	2.41	6.53	2.70	2.03	2.33	3.04	50.58
1923	6.78	2.51	2.60	4.83	3.43	3.52	4.92	4.04	4.81	6.46	4.33	5.74	53.97
Av. 9 yrs.	3.37	3.25	3.68	3.98	4.65	4.96	4.30	4.64	4.13	3.87	4.33	4.11	49.27

RAINFALL AT RUTLAND, VT. Elevation, 562 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.24	1.12	2.29	2.39	1.72	1.32	2.48	3.02	2.18	3.27	5.41	1.91	28.35
1922	1.67	2.19	4.08	4.04	2.46	5.76	2.58	4.41	1.87	2.35	1.58	1.85	34.84
1923	4.66	1.01	2.21	3.54	2.74	1.98	4.17	1.51	3.10	4.63	3.14	2.85	35.54
1924	2.24	2.19	0.49	4.35	2.78	2.51	3.27	2.23	6.27	0.08	2.55	0.98	29.94
1925	1.92	2.56	4.38	2.28	2.77	5.41	4.59	2.43	5.04	2.83	2.96	1.06	38.23
Av. 9 yrs.	2.20	1.74	2.44	3.08	2.73	3.34	3.29	2.98	3.91	3.48	3.01	1.85	34.05

RAINFALL AT RYEGATE (EAST), VT. Elevation, 480 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.95	1.77	2.17	2.02	1.54	1.96	4.84	2.99	1.52	2.84	4.35	1.62	28.57
1922	1.83	3.02	4.79	3.41	2.11	10.06	1.55	4.37	2.41	2.70	0.81	1.98	39.04
1923	3.18	0.68	1.40	3.31	1.95	1.70	6.65	2.48	1.72	3.79	3.32	2.32	32.50
1924	1.86	1.87	0.13	4.07	2.66	1.95	2.42	1.99	4.64	0.75	2.72	1.40	26.46
1925	1.43	2.18	2.80	1.45	1.75	4.76	4.53	0.91	3.98	3.53	2.83	0.98	31.13
Av. 12 yrs.	2.00	2.28	2.33	2.92	2.19	3.44	3.73	3.62	3.29	2.99	2.67	2.08	33.54

RAINFALL AT SOMERSET, VT. Elevation, 2 096 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.27	3.30	5.85	4.21	3.12	5.18	5.86	3.51	3.59	2.72	8.66	2.67	50.94
1922	3.39	3.49	6.15	5.67	5.54	6.53	2.23	5.43	2.35	2.13	2.87	4.45	50.23
1923	7.58	2.67	3.34	3.68	3.55	4.42	4.45	4.39	3.95	5.60	4.78	5.14	53.55
1924	5.51	2.43	1.25	5.51	6.55	2.58	3.88	4.24	4.77	2.09	4.29	3.01	46.11
1925	3.33	4.17	6.16	4.34	4.58	5.42	5.18	2.53	5.83	5.50	6.46	4.09	57.59
Av. 14 yrs.	4.33	4.05	4.52	4.28	4.34	3.99	4.60	4.31	4.01	4.56	4.68	4.20	51.87

RAINFALL AT ST. JOHNSBURY, VT. Elevation, 711 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.72	1.47	2.22	1.93	0.96	1.91	3.37	3.91	1.34	3.41	4.56	1.52	27.32
1922	1.59	2.60	3.65	3.31	2.00	8.05	1.17	3.07	2.35	2.32	0.95	2.27	33.33
1923	3.13	0.95	1.83	4.76	1.70	2.08	2.44	2.38	2.87	3.43	3.52	2.62	31.71
1924	2.29	1.91	0.89	3.19	3.45	2.95	2.89	1.33	7.19	0.29	3.45	1.02	30.85
1925	2.24	2.88	2.83	1.31	2.71	4.22	4.02	1.17	5.01	4.32	3.43	1.11	35.25
Av. 32 yrs.	2.15	2.16	2.63	2.51	2.82	3.39	3.86	3.86	3.72	2.77	2.62	2.38	34.87

RAINFALL AT VERNON, VT. Elevation, 310 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.25	1.36	5.03	3.78	4.61	4.90	2.14	2.54	1.48	2.54	6.06	2.25	37.94
1922	1.84	2.53	4.80	2.81	4.18	6.07	2.09	5.62	2.85	3.56	1.78	2.61	40.74
1923	5.94	1.86	2.01	3.09	2.45	2.39	4.99	2.51	3.43	5.53	4.36	5.47	44.03
1924	3.19	1.97	0.74	7.42	3.40	0.99	1.68	3.80	4.78	1.09	2.86	2.23	34.15
1925	2.44	4.10	4.55	3.02	2.15	3.53	4.82	2.81	2.81	3.65	3.19	2.50	39.57
Av. 28 yrs.	3.44	3.07	3.34	3.21	3.21	3.36	3.98	4.27	3.90	3.20	3.62	3.18	41.78

RAINFALL AT WILMINGTON, VT. Elevation, 1 500 feet.
(Mountain Mills.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.53	3.14	4.44	4.69	3.80	8.56	3.82	4.01	2.91	2.98	8.02	2.24	50.14
1922	3.02	3.51	4.66	3.92	5.73	6.62	1.76	6.90	2.17	1.81	2.12	3.46	45.68
1923	6.89	2.40	2.40	4.64	3.00	3.43	5.36	3.06	4.38	6.10	4.15	5.59	51.40
Av. 7 yrs.	3.51	3.71	4.17	3.10	4.54	5.17	2.96	4.47	4.06	4.08	4.43	4.06	48.26

RAINFALL AT WOODSTOCK, VT. Elevation, 700 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.20	2.46	4.07	4.52	1.33	1.71	3.26	2.68	2.77	1.76	6.52	1.70	33.98
1922	2.65	2.85	3.84	3.21	3.90	7.27	2.65	5.37	1.83	1.96	1.37	2.89	39.79
1923	2.73	2.24	5.23	3.16	1.61	6.05	4.32	2.79	3.92	3.58	4.56	1.74	41.93
1924	4.08	2.45	0.76	5.31	4.19	2.82	3.02	3.95	7.95	0.06	2.98	1.34	38.91
1925	2.73	2.24	5.23	3.16	1.61	6.05	4.35	2.79	3.92	3.58	4.56	1.74	41.96
Av. 58 yrs.	2.97	2.76	3.15	2.77	3.36	3.42	3.91	3.39	3.46	3.00	3.14	2.87	38.20

MASSACHUSETTS

RAINFALL AT ACUSHNET, MASS. Elevation, 50 feet.
(New Bedford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.17	2.41	3.54	4.39	3.51	1.26	9.21	2.13	1.14	1.82	6.57	2.77	40.92
1922	1.30	3.50	3.53	2.95	4.39	6.24	4.57	9.65	1.77	3.62	0.94	3.79	46.25
1923	3.00	2.38	**3.94**	3.70	1.11	3.79	1.65	1.87	2.92	3.51	2.11	**6.84**	36.82
1924	4.22	4.50	3.39	4.97	3.64	1.78	1.00	8.46	2.87	0.16	1.88	2.77	39.64
1925	3.24	2.24	3.74	1.86	2.79	3.37	3.76	1.15	4.29	4.61	3.90	**3.18**	38.13
Av. 48 yrs.	4.30	4.19	4.63	4.04	3.79	3.04	3.39	3.92	3.32	4.11	4.08	4.40	47.21

RAINFALL AT AGAWAM, MASS. Elevation, 410 feet.
(Provin Mt. Res., Springfield Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.94	3.16	4.29	4.33	2.45	3.62	6.12	2.98	2.30	1.44	6.41	2.56	42.60
1922	1.63	2.95	6.19	1.75	5.40	7.43	9.58	3.51	2.50	3.72	1.25	4.15	50.06
1923	7.41	2.66	2.41	4.41	2.80	3.91	2.12	2.40	1.92	7.02	3.80	4.39	45.25
1924	3.99	2.00	1.14	7.38	3.36	1.79	2.08	2.84	4.28	0.11	2.64	1.83	33.44
1925	3.38	3.19	5.05	3.10	2.25	3.80	5.46	0.96	3.07	4.23	3.01	3.05	40.55
Av. 12 yrs.	3.47	3.66	3.59	3.84	3.52	3.99	4.54	3.57	3.61	2.90	3.70	3.78	44.17

RAINFALL AT AMHERST, MASS. Elevation, 222 feet.
(Massachusetts Agricultural Experiment Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.00	2.38	3.57	6.47	4.56	3.87	6.00	2.35	1.84	1.08	6.20	1.90	42.22
1922	1.56	3.02	5.34	2.81	5.47	9.68	4.28	4.25	2.27	2.55	1.56	3.15	45.94
1923	6.02	1.81	1.98	3.19	3.26	2.24	1.77	2.55	1.89	5.50	5.05	4.23	39.49
1924	3.85	2.56	1.05	4.54	2.21	1.28	1.75	3.11	5.87	0.01	2.57	2.16	30.96
1925	3.42	3.64	4.12	3.10	2.55	4.28	6.97	1.93	3.09	4.74	3.23	3.56	44.63
Av. 90 yrs.	3.38	3.24	3.58	3.23	3.78	3.65	4.38	4.28	3.62	3.67	3.62	3.55	43.98

RAINFALL AT ASHBY, MASS. Elevation, 1 000 feet.
(Watatic Pond, Fitchburg Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.18	2.23	3.19	8.48	2.72	2.99	6.43	2.54	2.81	2.56	6.98	2.48	45.59
1922	1.57	1.67	4.50	1.56	6.27	9.92	6.38	5.61	2.34	2.91	2.16	3.25	48.14
1923	5.64	1.47	2.81	5.49	1.82	1.72	3.17	1.91	1.47	5.73	6.21	5.03	42.47
1924	3.75	1.94	1.07	7.43	5.27	2.65	2.73	3.80	4.93	T	3.67	1.91	39.15
1925	2.58	3.14	5.60	3.06	3.03	4.25	3.09	2.42	3.26	5.00	5.46	5.06	45.95
Av. 11 yrs.	3.06	2.81	3.19	4.08	3.89	4.31	4.37	3.69	3.83	3.05	4.53	3.46	44.27

RAINFALL AT ASHLAND, MASS. Elevation, 250 feet.
(Ashland Reservoir, Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.90	3.95	2.78	5.23	2.70	3.38	6.14	1.32	1.83	1.04	7.53	2.50	41.30
1922	1.76	3.17	5.23	1.47	5.06	7.55	3.09	4.60	4.60	2.30	1.31	3.53	43.67
1923	7.76	2.30	3.32	5.30	0.93	4.50	3.11	2.20	1.42	5.67	5.59	4.83	46.93
1924	3.42	2.51	2.67	5.12	3.08	1.47	2.54	5.09	5.33	0.12	2.26	1.72	35.33
1925	4.43	2.01	5.50	2.63	2.27	4.16	6.36	1.03	3.49	4.32	3.22	5.44	44.86
Av. 36 yrs.	3.89	3.96	4.26	3.70	3.28	3.23	3.57	3.44	3.55	3.33	3.49	3.83	43.53

RAINFALL AT ATHOL, MASS. Elevation, 620 feet.
(Fryville.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921			Record started				6.67	3.01	3.30	2.45	6.76	2.41	....
1922	1.79	2.83	5.76	1.88	4.30	12.60	5.37	4.22	3.74	2.35	1.84	3.55	50.23
1923	6.07	1.93	2.43	4.70	1.93	1.90	3.56	3.18	2.03	4.63	5.53	4.05	41.94
1924	4.17	2.07	1.27	6.10	2.73	1.50	2.35	3.20	6.15	0.02	3.36	2.13	35.05
1925	2.37	3.28	5.10	3.42	2.92	6.34	7.41	1.71	3.36	3.81	3.76	2.23	45.71
Av. 4 yrs.	3.60	2.53	3.64	4.02	2.97	5.59	4.67	3.08	3.82	2.70	3.62	2.99	43.23

RAINFALL AT ATHOL, MASS. Elevation, 1 000 feet.
(Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.95	1.35	3.73	6.93	2.76	3.90	7.63	2.91	3.27	1.93	5.92	2.30	44.58
1922	1.72	2.67	3.61	1.77	3.95	13.50	5.26	4.43	3.01	3.16	1.65	3.07	47.80
1923	4.18	0.97	1.19	4.64	1.61	2.06	2.51	2.40	1.47	5.41	5.42	3.55	35.41
1924	4.95	1.15	1.05	4.60	2.54	2.61	2.71	3.26	5.07	0.01	3.96	1.89	33.80
1925	1.56	1.97	4.51	3.28	3.17	4.94	7.98	2.46	4.06	3.78	3.70	3.10	44.51
Av. 14 yrs.	2.53	2.20	2.60	3.56	3.02	3.89	4.30	3.49	3.59	2.42	3.08	3.13	37.81

RAINFALL AT ATTLEBORO, MASS. Elevation, 100 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.47	1.61	3.20	4.71	2.10	5.81	7.00	2.54	1.42	1.16	7.31	2.85	43.18
1922	1.36	2.81	5.35	1.69	4.61	9.16	6.25	6.34	2.68	2.44	1.19	2.96	46.84
1923	6.45	1.50	3.30	5.23	0.90	4.05	2.48	1.80	0.98	4.22	3.74	4.91	39.56
1924	4.32	3.58	2.11	5.87	2.49	1.83	1.73	6.97	7.93	0.12	1.81	1.93	40.69
1925	3.72	2.08	4.97	2.67	1.77	1.59	5.23	1.59	3.94	3.90	4.70	4.35	40.51
Av. 25 yrs.	3.88	3.75	3.97	3.88	3.22	3.52	4.13	3.52	4.22	2.71	3.43	3.53	43.76

RAINFALL AT BARNSTABLE, MASS. Elevation, 20 feet.
(Hyannis.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.33	3.18	3.90	3.98	6.46	1.79	8.79	3.23	1.26	2.67	7.83	2.26	47.68
1922	2.42	4.15	5.58	2.70	4.64	2.19	4.73	4.87	0.90	2.50	1.47	4.04	40.19
1923	4.97	1.32	5.74	5.11	0.78	2.82	2.83	2.17	2.42	2.99	2.66	4.43	38.24
1924	4.38	3.10	4.55	4.57	3.51	2.63	1.23	7.12	3.06	0.26	2.48	2.32	39.21
1925	3.44	1.42	2.82	2.70	2.27	2.75	1.63	3.00	2.74	3.85	3.20	2.75	32.57
Av. 34 yrs.	4.02	3.57	4.49	3.69	3.55	3.00	3.07	3.56	2.75	3.36	3.75	3.96	42.77

RAINFALL AT BARRE, MASS. Elevation, 930 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	3.58	6.39	2.92	6.23	2.11	....
1920	2.52	4.23	3.60	5.91	4.14	5.81	4.51	3.22	5.87	0.93	4.60	2.78	48.12
1921	2.58	2.67	2.50	8.29	2.77	6.75	7.18	3.64	3.24	2.90	5.85	2.88	51.25
1922	1.67	3.29	3.88	2.09	4.17	10.97	9.00	4.75	4.00	3.58	1.71	3.81	52.92
1923	7.13	2.06	3.23	6.08	2.08	3.48	3.02	2.42	2.30	5.71	5.60	4.58	47.69
1924	3.05	2.59	1.80	5.73	3.09	1.58	3.31	5.60	4.62	0.10	3.41	2.19	37.07
1925	2.63	2.59	4.84	2.65	2.47	4.38	5.18	1.57	5.00	4.70	3.17	2.65	41.83
Av. 6 yrs.	3.26	2.90	3.31	5.13	3.12	5.49	5.37	3.53	4.17	2.99	4.06	3.15	46.48

RAINFALL AT BEDFORD, MASS. Elevation, 170 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.30	2.59	2.19	3.57	3.07	3.50	8.38	1.70	2.25	1.22	7.13	2.29	40.19
1922	1.78	2.60	4.15	1.83	3.90	9.32	4.91	3.36	3.36	2.18	1.35	2.88	41.62
1923	7.89	2.12	1.91	5.00	1.46	3.87	2.41	2.15	1.04	2.69	2.40	5.40	38.34
Av. 31 yrs.	3.17	3.27	3.42	3.30	3.09	3.23	3.53	3.40	3.35	2.92	3.12	3.27	39.07

RAINFALL AT BEVERLY (WENHAM LAKE), MASS. Elevation, 60 feet.
(Salem Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.75	2.42	1.99	2.50	2.51	3.32	14.10	1.74	3.46	1.37	7.10	2.67	44.93
1922	1.82	3.00	5.00	1.12	6.59	10.60	5.46	4.76	4.01	2.02	0.81	3.03	48.22
1923	5.67	1.51	2.23	3.98	1.89	2.18	2.26	3.00	0.58	3.62	2.61	5.18	34.71
1924	3.75	2.80	1.19	3.94	3.41	2.45	2.52	7.32	7.59	0.13	3.07	1.92	40.09
1925	3.74	2.21	6.71	2.61	2.27	3.85	4.26	3.40	2.45	5.16	4.24	6.02	46.92
Av. 52 yrs.	3.43	3.23	3.64	3.47	3.44	3.56	3.93	3.79	3.52	3.50	3.88	3.31	42.70

RAINFALL AT BOSTON, MASS. Elevation, 185 feet.
(West Roxbury.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.52	2.95	2.75	3.61	4.95	4.28	7.56	1.91	2.17	1.31	6.80	1.66	42.47
1922	1.61	3.18	5.73	1.46	5.39	9.44	2.95	5.54	4.95	2.26	1.03	3.17	46.71
1923	6.12	1.86	2.90	5.62	0.95	3.24	3.56	1.76	0.62	4.19	3.00	4.23	38.05
1924	3.41	2.82	2.74	4.82	3.08	1.29	2.02	6.07	8.75	0.12	1.98	1.67	38.77
1925	4.22	1.73	5.46	2.51	2.37	4.25	5.26	0.87	3.81	4.74	3.71	5.35	44.28
Av. 14 yrs.	3.46	3.11	3.78	3.92	3.37	3.33	4.20	4.23	3.44	2.79	3.03	3.50	42.07

RAINFALL AT BOSTON, MASS. Elevation, 90 feet.
(Brookline Pumping Station, West Roxbury.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.61	3.25	2.86	6.33	2.51	4.17	8.25	1.80	2.23	1.20	6.97	2.21	44.39
1922	1.60	2.79	5.29	1.57	5.07	9.83	3.32	5.69	5.04	1.57	1.19	3.74	46.70
1923	7.06	1.87	2.66	5.97	0.89	3.33	3.49	1.72	0.71	5.17	3.21	4.94	41.02
1924	3.11	2.39	2.88	4.41	2.76	1.30	1.95	6.17	8.58	0.14	1.71	1.71	37.11
1925	3.87	1.61	5.76	2.51	2.25	4.24	5.31	0.91	3.84	4.35	3.06	4.53	42.24
Av. 12 yrs.	3.59	3.26	3.38	4.15	3.09	3.82	4.32	4.17	3.72	2.38	3.05	3.25	42.18

RAINFALL AT BOSTON, MASS. Elevation, 60 feet.
(Blue Hill Observatory, Valley Station, Readville.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.32	3.85	2.63	4.96	5.11	4.03	10.40	2.15	2.10	1.14	7.41	2.94	50.04
1922	1.98	3.60	5.01	2.80	5.62	10.01	4.91	...	...	...	...	...	....
Av. 33 yrs.	3.92	3.82	4.14	3.71	3.52	3.09	4.05	3.69	3.69	3.71	3.86	3.72	44.92

RAINFALL AT BOSTON, MASS. Elevation, 124 feet.
(U. S. Weather Bureau.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.24	2.64	1.92	4.62	3.64	3.58	11.69	1.63	1.22	1.24	6.19	2.35	42.96
1922	1.41	2.64	4.30	2.48	5.34	8.05	2.63	4.75	3.65	1.97	0.84	3.01	41.07
1923	6.08	1.48	2.49	5.26	0.83	2.03	3.36	1.86	0.38	3.37	2.78	4.99	34.91
1924	3.27	1.90	2.04	3.79	2.81	1.07	2.04	6.86	6.96	0.06	1.93	1.48	34.21
1925	3.97	1.55	5.21	2.48	2.07	4.59	3.54	1.40	3.45	4.03	3.66	5.20	41.15
Av. 55 yrs.	3.59	3.29	3.82	3.52	3.26	3.05	3.45	3.75	3.15	3.33	3.73	3.33	41.27

RAINFALL AT BOYLSTON, MASS. Elevation, 530 feet.
(Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.62	3.81	2.92	5.13	2.52	2.95	7.84	2.11	1.68	1.72	8.68	2.55	44.53
1922	2.14	3.39	5.96	1.89	4.71	9.02	4.55	6.12	2.61	2.63	1.43	3.84	48.29
1923	7.34	1.95	2.91	5.99	1.19	4.06	3.20	2.39	0.77	5.37	6.04	4.73	45.94
1924	4.46	2.99	2.54	6.22	3.50	0.99	2.23	4.24	5.20	0.08	3.14	1.84	37.43
1925	3.79	2.10	5.87	3.23	2.28	3.60	3.78	2.35	3.83	4.25	3.34	4.75	43.17
Av. 30 yrs.	3.73	3.90	4.21	3.91	3.26	3.86	4.15	3.87	3.92	3.02	3.69	3.92	45.44

RAINFALL AT BRIDGEWATER, MASS. Elevation, 60 feet.
(State Farm.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.11	1.88	1.65	4.95	2.53	2.63	9.56	2.42	1.30	1.05	7.30	2.54	39.92
1922	2.23	3.05	5.97	1.89	4.84	5.67	5.93	10.34	3.43	2.83	1.28	3.40	50.86
1923	6.83	1.56	4.06	5.19	1.11	2.67	3.39	3.92	1.49	4.38	2.08	5.39	42.07
1924	4.07	3.27	4.19	5.32	2.44	2.82	1.30	7.22	3.99	0.13	1.45	1.99	38.19
1925	4.15	1.85	2.91	1.65	2.46	2.43	5.46	1.93	4.50	4.25	3.69	4.31	39.59
Av. 11 yrs.	4.03	3.03	3.48	3.99	3.39	3.70	4.93	4.70	3.72	2.71	2.94	3.55	44.17

RAINFALL AT BROCKTON, MASS. Elevation, 200 feet.
(City Hall.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.31	3.23	2.82	4.23	5.29	4.20	8.00	3.62	1.17	0.95	7.87	3.44	48.13
1922	1.22	3.00	4.38	2.07	4.15	8.93	3.51	7.29	2.29	3.18	0.98	3.16	44.16
1923	6.26	2.32	2.64	4.62	0.91	2.92	3.19	2.97	1.25	4.00	1.47	5.20	37.75
1924	2.56	2.82	2.87	4.04	2.84	1.80	0.86	6.19	4.88	0.15	1.42	1.61	32.04
1925	3.34	1.49	3.27	2.25	1.68	0.92	4.93	2.33	2.48	3.38	3.51	4.33	33.91
Av. 32 yrs.	3.30	3.05	3.55	3.46	3.11	3.07	3.59	3.36	3.63	3.16	3.29	3.40	39.97

RAINFALL AT BROCKTON, MASS. Elevation, 100 feet.
(Sewage Disposal Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	...	...	2.19	....
1920	3.09	5.83	4.69	4.57	5.55	7.25	3.42	3.98	3.16	1.49	4.79	4.09	51.91
1921	3.51	2.52	3.26	5.72	3.88	5.00	8.02	3.49	2.00	1.04	6.93	2.60	47.97
1922	1.90	2.98	5.67	1.51	5.33	10.93	4.13	7.53	2.58	3.29	1.04	3.22	50.11
1923	7.16	1.72	3.69	5.69	1.10	3.94	3.33	3.49	1.27	4.39	2.60	5.53	43.91
1924	3.71	3.51	3.38	5.56	2.43	1.75	1.96	6.87	5.47	0.15	1.66	1.81	38.26
1925	3.38	2.05	4.51	2.17	2.32	1.20	4.57	1.30	2.94	4.26	4.98	3.84	37.52
Av. 6 yrs.	3.79	3.10	4.20	4.20	3.44	5.01	4.24	4.44	2.90	2.44	3.67	3.52	44.95

RAINFALL AT BROOKLINE, MASS. Elevation, 93 feet.
(Town Hall.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1918	1.63	3.58	1.31	3.72	2.05	1.78	3.17	1.36	9.49	1.09	1.67	3.48	34.33
1919	3.00	3.08	4.47	2.67	4.95	1.35	4.33	4.99	6.00	2.13	5.81	1.59	44.37
1920	1.52	2.20	2.48	4.57	4.76	4.63	1.41	1.29	2.05	1.46	4.47	3.20	34.04
1921	2.49	1.62	1.39	2.71	2.12	3.83	9.52	1.29	1.21	1.06	5.43	1.90	34.57
1922	0.68	1.11	3.33	1.92	5.08	8.35	2.70	4.92	3.44	1.89	0.85	2.52	36.79
1923	5.06	0.56	1.57	4.84	0.81	1.24	2.90	1.78	0.40	3.45	2.69	4.04	29.34
1924	2.38	0.68	1.05	2.56	2.55	0.93	1.50	5.87	7.26	0.09	1.45	1.23	27.55
1925	1.71	1.59	4.71	2.15	1.40	4.14	3.21	1.32	3.08	3.60	2.84	4.61	34.36
Av. 8 yrs.	2.31	1.80	2.54	3.14	2.97	3.28	3.59	2.85	4.12	1.85	3.15	2.82	34.42

RAINFALL AT CAMBRIDGE, MASS. Elevation, 75 feet.
(City Hall.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.39	3.15	1.89	4.87	4.23	4.19	11.85	1.27	1.03	0.78	7.53	2.79	45.97
1922	1.54	2.68	4.86	2.54	4.74	9.88	3.21	4.53	3.63	2.60	1.10	3.01	44.32
1923	6.27	1.71	2.54	6.13	0.87	2.07	3.89	3.25	0.45	3.95	3.57	4.60	39.30
1924	2.92	2.55	2 11	3.88	2.91	1.75	3.10	7.98	10.16	0.08	2.63	2.79	42.86
1925	4.15	1.85	6.36	2.51	2.38	4.51	3.82	1.60	3.77	3.40	3.17	4.65	42.17
Av. 26 yrs.	3.48	3.60	3.87	3.99	3.12	3.31	3.72	3.42	3.71	2.57	3.18	3.79	41.76

RAINFALL AT CAMBRIDGE, MASS. Elevation, 40 feet.
(Fresh Pond.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.26	5.42	2.73	6.06	1.87	4.23	11.73	1.39	1.40	0.89	5.72	1.38	45.08
1922	1.44	2.71	4.81	1.54	4.70	9.78	2.91	3.96	3.61	2.40	0.85	5.57	44.28
1923	7.94	2.82	2.14	3.97	0.56	1.85	2.68	1.99	**0.35**	3.11	2.89	**3.87**	34.17
1924	3.41	2.02	1.56	3.40	2.16	1.46	1.67	**6.47**	7.28	0.00	2.03	1.10	32.56
1925	3.87	1.56	2.73	1.76	1.78	3.80	3.24	0.75	2.40	3.48	3.96	4.86	34.19
Av. 40 yrs.	3.59	3.65	3.62	3.45	3.25	3.22	3.49	3.44	3.43	3.17	3.37	3.41	41.09

RAINFALL AT CAMBRIDGE, MASS. Elevation, 75 feet.
(Harvard College Observatory.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.42	3.42	2.17	3.60	4.86	0.30	12.25	1.22	1.17	1.11	3.63	2.53	38.68
Av. 81 yrs.	3.89	3.63	3.89	3.66	3.44	3.09	3.46	4.13	3.49	3.43	3.89	3.55	43.55

RAINFALL AT CHARLTON, MASS. Elevation, 880 feet.
(Charlton Depot.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	...	...	...	...	...	...	3.98	1.73	8.23	0.98	4.30	2.59	....
1921	2.76	2.53	3.61	4.92	3.14	3.36	7.92	2.32	2.25	2.15	5.67	2.57	43.20
1922	1.22	2.21	5.64	1.96	5.23	7.87	3.92	5.85	2.48	2.04	1.56	3.18	43.16
1923	6.55	1.93	2.80	6.72	1.45	4.51	3.20	3.66	1.63	5.19	5.34	4.80	47.78
1924	3.90	1.63	2.89	5.97	3.35	2.21	2.78	6.03	4.79	0.17	2.77	1.68	38.17
1925	2.20	2.38	5.09	2.64	2.36	3.86	5.99	1.63	2.91	4.51	3.11	2.40	39.08
Av. 5 yrs.	3.33	2.13	4.01	4.44	3.11	4.36	4.76	3.90	2.81	2.81	3.69	2.93	42.28

RAINFALL AT CHESTER, MASS. Elevation, 600 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.11	3.73	3.81	3.44	1.25	2.98	5.35	2.87	2.26	1.15	4.34	1.90	35.19
1922	1.63	3.36	4.95	2.87	5.60	7.44	4.54	3.70	3.10	**3.32**	1.25	3.61	45.37
1923	6.64	1.86	1.64	3.25	3.23	3.26	3.10	2.98	2.44	6.48	3.31	4.32	42.51
1924	3.84	2.86	0.92	7.14	3.76	1.45	2.17	3.51	8.05	0.00	3.68	2.04	39.42
1925	3.54	3.04	4.14	3.15	2.61	3.46	7.30	2.39	2.63	3.75	4.35	3.13	43.49
Av. 13 yrs.	3.33	3.21	3.20	3.64	3.47	3.51	3.95	3.49	3.61	2.94	3.56	3.32	41.23

RAINFALL AT CHESTERFIELD, MASS. Elevation, 1 360 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.53	6.11	1.41	....
1920	2.11	4.75	4.74	5.66	2.12	6.94	3.16	3.69	6.57	1.56	6.22	5.55	53.07
1921	1.96	2.74	4.64	5.49	2.57	2.92	6.88	2.64	3.34	2.27	6.35	1.93	43.73
1922	1.41	2.78	6.52	2.03	6.44	6.99	3.44	4.58	2.31	2.86	1.70	2.83	43.89
1923	5.46	1.86	1.74	3.14	3.41	3.46	4.27	3.56	2.59	6.52	4.39	4.48	44.88
1924	4.06	2.41	0.98	8.83	4.58	1.87	2.35	2.74	11.80	0.00	4.26	2.23	46.11
1925	2.96	4.40	4.29	3.35	2.78	4.07	7.85	2.67	3.07	3.93	4.69	3.07	47.13
Av. 6 yrs.	2.99	3.16	3.82	4.75	3.65	4.37	4.66	3.31	4.95	2.86	4.60	3.35	46.47

RAINFALL AT CHESTNUT HILL RESERVOIR. Elevation, 124 feet.
(Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.78	3.81	2.74	6.50	2.41	4.67	8.86	1.48	1.73	1.09	6.72	2.65	45.44
1922	1.64	3.73	5.44	1.58	5.33	9.80	3.41	5.93	4.12	2.31	1.19	4.61	49.09
1923	7.93	3.13	3.44	5.43	0.96	2.47	3.22	1.56	0.56	4.08	3.34	5.34	41.46
1924	3.60	2.99	2.36	5.26	3.01	1.27	1.88	6.20	8.77	0.12	1.72	1.63	38.81
1925	4.95	1.98	6.06	2.77	2.39	4.41	4.51	0.91	3.35	4.09	3.55	6.03	45.00
Av. 53 yrs.	4.12	4.07	4.13	3.87	3.38	3.29	3.65	3.92	3.52	3.57	3.93	3.68	45.13

RAINFALL AT CLINTON, MASS. Elevation, 370 feet.
(Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.37	4.25	3.56	5.20	2.53	3.83	7.17	1.56	1.73	1.70	8.97	2.78	45.65
1922	2.41	3.41	6.28	1.59	5.08	9.97	5.23	4.31	2.49	2.43	1.46	3.93	48.59
1923	7.88	2.21	2.70	5.93	1.10	3.62	3.77	1.56	0.79	5.62	6.47	5.12	46.77
1924	4.31	3.21	3.31	6.95	3.34	1.18	2.69	4.51	5.27	0.04	3.24	1.80	39.85
1925	4.40	2.32	6.35	3.04	1.96	4.69	3.50	2.39	3.19	4.63	3.23	5.69	45.39
Av. 24 yrs.	3.79	3.75	4.23	3.97	3.24	4.14	3.96	3.69	3.80	3.03	3.48	3.96	45.04

RAINFALL AT COLRAIN, MASS. Elevation, 500 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.71	3.24	4.98	5.26	3.13	5.40	4.35	2.64	2.69	2.08	7.26	1.94	44.68
1922	2.54	2.71	7.06	2.24	6.65	7.06	4.02	5.15	1.89	3.58	1.63	2.77	47.30
1923	5.81	**1.66**	**1.25**	**2.58**	2.64	2.65	3.87	2.09	3.59	7.06	4.87	4.39	42.46
1924	3.70	2.47	1.07	8.83	4.36	1.17	3.34	4.11	8.09	0.05	4.02	2.42	43.63
1925	3.20	3.44	3.86	3.92	2.16	4.22	6.41	2.02	3.87	4.27	5.17	3.69	46.23
Av. 13 yrs.	3.28	3.20	3.72	4.03	3.84	3.51	3.92	3.85	4.03	3.39	3.96	3.40	44.13

RAINFALL AT CONCORD, MASS. Elevation, 139 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.30	3.51	1.85	3.52	4.50	3.89	9.67	2.03	2.10	1.25	7.87	2.33	44.82
1922	1.78	2.80	4.10	2.14	4.87	10.04	4.72	3.89	3.88	2.10	1.37	3.23	44.92
1923	7.16	1.70	2.70	5.26	1.22	3.67	2.40	1.76	1.22	5.01	5.08	4.88	42.06
1924	3.26	2.81	2.45	4.86	3.69	1.83	1.87	4.97	5.97	0.08	2.22	1.86	35.87
1925	3.91	2.26	6.13	3.31	1.92	4.59	4.40	2.10	2.95	4.46	3.08	5.00	44.11
Av. 35 yrs.	3.29	3.25	3.51	3.37	3.21	3.34	3.64	3.43	3.47	2.91	3.38	3.34	40.14

RAINFALL AT CUMMINGTON, MASS. Elevation, 1 400 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.76	5.83	1.81	....
1920	2.03	4.72	4.64	6.43	1.79	6.00	3.11	3.63	6.89	1.55	6.70	6.08	53.57
1921	2.25	3.31	5.02	4.96	1.51	3.06	4.89	2.28	3.76	1.96	7.31	1.99	42.30
1922	2.40	3.16	5.02	2.98	5.87	8.69	2.90	4.13	2.63	3.13	1.93	3.25	46.09
1923	6.41	2.18	2.33	3.15	3.17	3.74	3.92	3.30	3.85	6.54	4.86	4.76	48.21
1924	2.98	2.80	1.39	8.43	4.25	1.42	3.61	3.05	9.61	0.03	3.72	2.68	43.97
1925	3.73	3.75	4.03	3.93	2.68	4.58	7.29	2.60	3.15	4.12	5.11	2.93	47.90
Av. 6 yrs.	3.30	3.32	3.74	4.98	3.21	4.58	4.29	3.17	4.98	2.89	4.94	3.61	47.01

RAINFALL AT DALTON, MASS. Elevation, 1 200 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.11	2.27	5.72	4.45	1.37	3.00	4.64	3.24	3.16	1.82	7.18	2.17	41.13
1922	2.14	2.70	6.02	2.85	5.12	7.16	3.10	6.51	2.22	2.59	1.76	2.47	44.64
1923	6.05	2.00	1.13	3.15	3.02	4.46	3.83	2.48	4.37	5.79	2.94	4.23	43.45
1924	3.60	2.65	1.24	5.49	3.59	1.82	3.48	4.03	7.80	0.04	3.15	2.34	39.23
1925	2.57	3.03	3.39	3.47	3.24	3.63	9.06	2.35	3.15	3.44	3.76	1.52	42.61
Av. 20 yrs.	3.22	2.86	3.58	3.51	3.44	3.10	4.13	3.62	3.90	3.16	3.27	3.02	40.81

RAINFALL AT DANA, MASS. Elevation, 580 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	4.48	5.92	2.52	6.29	2.00	....
1920	2.28	4.32	3.21	7.24	3.35	5.35	3.43	3.29	6.79	0.97	3.87	6.20	50.30
1921	3.05	2.57	3.43	7.61	2.55	5.63	11.62	6.74	2.89	2.50	7.14	1.81	57.54
1922	1.69	3.35	5.35	2.15	4.65	14.06	6.77	3.20	3.14	3.27	1.93	3.68	53.24
1923	7.33	1.59	2.36	5.35	2.18	3.12	2.43	1.81	2.16	5.19	5.33	3.46	42.31
1924	2.89	2.23	1.66	4.98	3.14	2.11	2.74	4.04	5.01	0.15	2.49	2.17	33.61
1925	2.64	...	5.43	4.33	...	...	...	...	...	...	...	...	....
Av. 5 yrs.	3.45	2.81	3.20	5.47	3.17	6.05	5.40	3.82	4.00	2.42	4.15	3.46	47.40

RAINFALL AT DANA, MASS. Elevation, 550 feet.
(Southworths Mills.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1923	...	...	...	...	2.13	3.22	2.26	2.73	2.14	5.36	5.26	4.23	....
1924	3.08	2.21	1.82	5.81	3.06	1.56	2.31	4.95	4.91	0.03	3.28	1.94	34.96
1925	2.27	3.06	5.24	3.76	2.87	4.25	5.79	1.45	3.51	4.94	3.42	2.16	42.72
Av. 2 yrs.	2.68	2.63	3.53	4.79	2.96	2.91	4.05	3.20	4.21	2.48	3.35	2.05	38.84

RAINFALL AT DANA (NORTH), MASS. Elevation, 520 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	...	6.81	1.99	....
1920	2.28	4.32	3.21	7.24	3.35	5.35	3.43	3.29	6.79	0.97	3.87	6.20	50.30
1921	2.34	2.86	3.49	8.61	3.61	4.41	5.76	4.05	2.80	2.06	7.46	3.00	50.45
1922	2.12	3.33	5.84	2.05	4.55	11.46	3.55	5.42	2.81	3.25	1.77	3.84	49.99
1923	7.21	2.28	2.87	5.14	2.10	2.61	2.35	3.41	1.41	5.18	6.03	4.16	44.75
1924	4.87	2.11	1.24	5.32	3.02	1.15	2.09	2.99	4.95	0.08	3.10	2.39	33.31
1925	2.57	3.68	4.71	2.82	2.20	3.91	6.09	1.90	4.57	4.03	3.51	2.53	42.52
Av. 6 yrs.	3.56	3.10	3.56	5.20	3.14	4.81	3.88	3.51	3.89	2.59	4.29	3.69	45.22

RAINFALL AT DANVERS, MASS. Elevation, 100 feet.
(State Hospital.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.72	2.28	2.12	4.41	2.15	3.38	7.76	2.20	1.88	1.55	6.23	2.22	37.90
1922	1.71	3.18	5.05	1.67	5.67	10.02	5.17	3.57	3.36	2.46	0.95	3.31	46.12
1923	6.97	1.57	2.47	5.10	1.89	2.49	2.21	2.99	0.73	3.47	4.00	5.11	39.00
1924	4.30	2.24	1.48	3.85	3.44	2.25	1.68	5.92	7.34	0.05	2.43	1.45	36.43
1925	3.47	1.88	6.62	2.41	2.11	4.21	3.50	2.66	1.92	4.62	3.61	5.70	42.71
Av. 14 yrs.	3.16	2.92	3.24	3.92	3.26	3.30	3.60	3.21	3.13	2.57	3.13	3.15	38.59

RAINFALL AT DEERFIELD, MASS. Elevation, 140 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.07	2.06	3.52	5.66	3.53	4.03	5.66	2.44	3.25	1.89	7.37	1.94	43.42
1922	2.37	2.74	7.45	1.94	6.14	8.02	2.31	4.21	2.72	2.39	2.26	1.13	43.68
1923	6.37	1.72	2.14	2.49	3.13	3.18	3.62	3.27	3.24	6.65	5.45	4.55	45.81
1924	3.94	1.95	0.80	4.90	2.76	0.60	2.31	3.33	4.92	0.00	1.90	2.11	29.52
1925	3.30	3.98	4.18	3.63	2.10	...	5.35	3.24	3.74	...	...	...	....
Av. 4 yrs.	3.69	2.12	3.48	3.75	3.89	3.96	3.48	3.31	3.53	2.73	4.24	2.43	40.61

RAINFALL AT DUDLEY, MASS. Elevation, 450 feet.
(Stevens Linen Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.91	2.35	2.54	3.96	3.84	3.25	6.89	2.58	1.80	1.77	6.25	2.26	40.40
1922	1.43	2.58	5.43	2.52	3.51	10.16	3.88	2.96	4.81	2.37	1.19	2.99	43.83
1923	6.48	1.17	2.86	6.09	1.09	6.24	3.76	2.26	3.49	4.99	3.79	5.98	48.20
1924	3.92	2.27	1.73	4.48	3.06	2.08	1.16	5.47	3.66	1.37	2.32	1.78	33.30
1925	2.85	2.08	5.08	2.43	2.46	4.20	6.14	2.54	2.62	3.93	2.73	3.01	40.07
Av. 34 yrs.	3.34	3.33	4.07	3.39	3.31	3.55	3.57	3.71	3.66	3.15	3.40	3.55	42.03

RAINFALL AT EDGARTOWN, MASS. Elevation, 80 feet.
(Heath Hen Farm.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1922	...	...	...	...	...	...	...	...	...	2.37	0.93	4.08	....
1923	4.39	1.76	5.99	4.30	0.29	2.53	3.68	2.39	1.60	3.89	1.50	4.32	36.64
1924	2.67	2.93	3.43	4.84	2.26	3.61	1.14	6.27	3.02	0.10	1.94	2.55	34.76
1925	2.89	1.77	2.73	1.81	2.20	4.21	3.27	0.64	2.92	3.97	3.62	3.68	33.71
Av. 3 yrs.	3.32	2.15	4.05	3.65	1.58	3.45	2.70	3.10	2.51	2.66	2.35	3.52	35.04

RAINFALL AT EGREMONT, MASS. Elevation, 750 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.75	2.80	4.04	4.22	3.08	3.10	3.52	5.10	2.07	2.23	4.66	1.28	38.85
1922	1.91	2.91	7.33	2.85	4.86	6.22	3.29	4.16	1.36	4.32	1.79	2.57	43.57
1923	6.83	1.70	1.30	2.13	2.05	5.35	4.25	3.56	3.31	6.55	3.69	5.42	46.14
1924	2.54	1.90	0.79	6.45	3.25	2.37	3.00	3.17	8.30	0.10	3.25	1.53	36.65
1925	2.32	3.37	4.35	3.05	2.78	3.13	5.00	1.79	4.57	2.99	3.29	2.43	39.07
Av. 19 yrs.	3.03	3.00	2.79	3.54	3.42	4.37	4.24	4.19	4.14	3.18	3.05	3.14	42.09

1903-1910 1924-1925 Egremont
1915-1923 Great Barrington.

RAINFALL AT FALL RIVER, MASS. Elevation, 140 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.47	2.02	3.23	4.36	3.42	1.85	10.03	2.35	1.20	1.07	7.94	2.44	42.38
1922	1.89	3.21	5.29	2.57	4.65	6.46	5.10	9.11	2.84	3.27	1.27	3.55	49.21
1923	6.25	1.95	5.39	5.58	0.93	3.43	2.00	2.59	2.42	4.21	2.48	5.68	42.91
1924	4.16	3.26	3.92	5.86	3.04	1.76	1.12	7.62	4.22	0.23	1.52	2.40	39.11
1925	3.85	1.68	3.60	2.47	3.07	2.85	3.64	2.89	4.52	4.11	4.17	4.23	41.08
Av. 53 yrs.	4.38	3.92	4.56	4.05	3.52	3.04	3.49	4.02	3.12	3.91	4.28	3.93	46.22

RAINFALL AT FALL RIVER, MASS. Elevation, 200 feet.
(U. S. Weather Bureau.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec.	Annual
1921	2.37	2.52	2.97	3.63	3.37	2.58	8.38	2.43	1.59	1.20	7.68	3.02	41.65
1922	2.31	3.35	4.68	2.45	4.95	6.23	4.10	8.78	2.31	2.74	1.28	3.61	46.79
1923	7.01	2.04	4.85	5.26	1.29	3.73	2.18	2.82	2.50	4.11	2.98	6.57	45.34
1924	5.05	3.93	2.29	6.24	3.21	1.96	1.07	7.75	4.80	0.22	1.76	2.58	40.86
1925	4.41	1.94	3.77	2.77	2.75	2.61	4.75	3.25	5.17	4.09	4.50	4.14	44.15
Av. 33 yrs.	4.05	3.94	4.21	4.08	3.48	2.94	3.34	3.88	3.16	3.53	3.51	4.18	44.30

RAINFALL AT FALMOUTH (HATCHVILLE), MASS. Elevation, 70 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	5.27	3.67	5.34	3.35	4.51	2.98	7.93	6.76	7.46	3.06	4.92	3.01	58.26
1920	2.60	5.68	5.35	5.79	5.41	6.77	2.85	1.83	2.25	4.10	3.65	4.79	51.07
1921	2.40	1.47	3.68	4.82	6.22	2.35	6.99	3.73	1.15	2.49	8.96	2.15	46.41
1922	1.90	3.51	6.05	2.32	4.83	3.93	4.26	6.39	1.95	3.70	1.42	4.09	44.35
1923	4.29	0.99	5.60	6.27	1.07	3.31	4.17	2.34	1.69	4.43	1.98	5.05	41.19
1924	3.92	3.05	3.19	6.28	2.95	2.48	1.32	8.98	3.15	0.38	2.11	2.32	40.13
1925	1.66	1.97	3.14	3.30	3.57	4.01	3.55	1.31	3.52	5.10	4.22	3.70	39.05
Av. 7 yrs.	3.15	2.91	4.62	4.59	4.08	3.69	4.44	4.48	3.02	3.32	3.89	3.59	45.78

RAINFALL AT FITCHBURG, MASS. Elevation, 550 feet.
(Dr. A. P. Mason.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.01	3.23	2.38	5.51	3.83	2.86	7.39	2.17	2.69	2.25	5.28	2.17	41.77
1922	2.42	2.78	4.43	1.75	4.16	10.30	4.53	3.92	4.89	2.49	1.52	3.23	46.42
1923	6.93	1.67	2.46	4.03	1.38	2.57	2.22	2.33	1.34	3.09	5.07	3.84	36.93
1924	3.55	1.97	2.13	4.67	3.05	1.16	2.14	3.36	4.49	T	2.94	1.94	31.40
Av. 39 yrs.	3.40	3.29	3.60	3.18	3.32	3.28	3.97	3.95	3.77	3.28	3.32	3.52	41.88

RAINFALL AT FITCHBURG, MASS. Elevation, 340 feet.
(Sewage Works)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	1.63	4.60	2.87	6.09	3.49	4.83	3.37	4.73	6.55	0.91	5.23	6.79	51.09
1921	2.03	2.87	2.47	7.53	2.26	4.03	5.82	1.72	2.21	1.77	5.21	3.31	41.33
1922	2.51	2.55	5.31	1.15	5.45	6.73	4.10	4.07	2.40	2.65	1.36	4.68	42.96
1923	5.83	2.06	2.62	4.31	1.47	2.03	2.13	2.07	1.61	4.75	6.31	4.46	40.15
1924	4.48	2.97	2.17	6.11	4.09	1.04	2.17	2.64	3.38	1.07	3.27	2.13	35.52
1925	3.82	2.30	6.40	2.72	2.16	4.03	4.37	1.99	3.09	3.95	3.76	4.61	43.20
Av. 6 yrs.	3.38	2.89	3.64	4.75	3.15	3.78	3.66	2.87	3.21	2.52	4.19	4.33	42.37

RAINFALL AT FRAMINGHAM, MASS. Elevation, 160 feet.
(Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.80	4.28	2.55	5.42	3.66	3.95	6.72	1.19	2.08	1.07	7.85	2.47	44.04
1922	1.73	3.34	5.30	1.64	5.37	9.33	3.05	4.87	3.79	2.00	1.25	3.29	44.96
1923	7.48	2.09	3.44	5.18	1.02	3.62	3.07	2.15	1.70	5.31	5.50	4.97	45.53
1924	3.64	2.60	2.87	5.18	3.11	1.62	3.13	4.48	5.91	0.10	2.57	1.72	36.93
1925	4.64	2.10	5.48	3.01	2.52	4.91	4.92	1.55	3.28	4.31	3.16	5.89	45.77
Av. 50 yrs.	4.01	3.96	4.28	3.58	3.26	3.17	3.60	3.64	3.31	3.48	3.74	3.84	43.87

RAINFALL AT FRANKLIN, MASS. Elevation, 240 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1922	.	...	...	...	...	...	2.50	6.28	4.66	2.43	1.00	3.09	....
1923	7.49	1.78	2.24	5.82	1.60	5.15	4.64	1.95	1.25	6.20	4.18	4.84	47.14
1924	2.83	2.59	2.51	4.55	3.48	1.73	2.20	6.06	4.93	0.15	2.01	1.70	34.74
1925	4.12	2.01	4.99	2.54	2.33	2.25	4.92	0.98	3.68	3.86	3.60	4.56	39.84
Av. 3 yrs.	4.81	2.13	3.25	4.30	2.47	3.04	3.92	3.00	3.29	3.40	3.26	3.70	40.57

RAINFALL AT GARDNER, MASS. Elevation, 1 110 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.23	3.29	3.46	7.99	2.07	3.46	7.31	3.17	2.05	2.33	6.48	2.58	46.42
1922	1.99	3.03	6.35	1.65	4.30	9.21	4.94	4.60	4.46	3.40	1.78	3.85	49.56
1923	6.58	2.03	2.71	5.78	1.65	2.05	2.58	2.30	1.25	4.57	5.98	4.34	41.82
1924	4.42	2.29	2.06	7.10	3.40	2.35	2.49	2.86	4.74	0.07	3.28	1.91	36.97
1925	3.11	2.87	5.10	3.29	2.61	4.10	5.09	2.53	3.07	3.88	4.02	3.37	42.95
Av. 19 yrs.	3.33	3.32	3.55	3.90	3.13	3.40	3.87	3.92	3.54	2.81	3.74	3.52	42.03

RAINFALL AT GLOUCESTER, MASS. Elevation, 40 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.25	3.40	2.51	6.17	2.80	3.34	9.60	1.73	2.46	1.56	8.35	2.93	47.10
1922	2.53	3.70	4.36	2.82	5.58	11.40	6.63	4.51	3.18	2.88	.94	3.97	52.50
1923	7.74	3.99	6.57	5.20	1.82	1.71	4.72	1.95	.42	4.29	2.53	6.58	47.52
1924	3.77	3.02	2.36	3.91	3.18	3.02	2.32	6.85	3.99	0.09	2.89	3.26	38.66
1925	4.23	2.87	7.12	2.58	2.01	3.13	2.69	2.17	4.31	6.20	4.47	7.86	49.64
Av. 11 yrs.	3.85	3.94	4.42	4.11	3.43	4.79	4.10	3.52	3.62	2.87	3.81	3.90	46.36

RAINFALL AT GRANVILLE (WEST), MASS. Elevation, 1 200 feet.
(Hartford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.55	4.00	2.50	5.02	3.55	4.00	6.95	5.80	3.20	1.70	4.55	0.30	44.12
1922	2.35	2.80	6.05	5.80	4.60	7.70	9.10	8.05	5.15	3.90	0.10	2.70	58.30
1923	10.60	2.25	0.75	3.20	3.35	1.05	3.95	4.65	3.70	7.70	5.05	4.90	51.15
1924	3.37	1.65	1.15	8.30	9.40	1.40	0.95	4.40	7.35	0.00	3.34	1.67	42.98
1925	3.92	5.20	2.95	2.20	2.85	3.00	4.20	2.25	3.56	3.42	4.35	2.48	40.38
Av. 13 yrs.	3.41	3.37	3.52	4.50	3.97	3.56	4.34	4.55	3.88	3.63	3.49	2.82	45.04

RAINFALL AT GRANVILLE, MASS. Elevation, 950 feet.
(Borden Brook Reservoir, Springfield Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.31	3.78	4.64	4.42	1.91	4.20	3.43	3.88	2.74	1.66	7.12	2.26	42.35
1922	1.63	3.53	8.75	2.05	7.45	7.10	4.36	5.09	2.02	1.87	1.70	3.77	49.32
1923	8.41	1.98	2.80	4.29	3.67	3.60	2.78	3.02	4.06	7.56	3.79	5.11	51.07
1924	4.40	1.74	1.30	7.82	4.60	1.59	1.78	3.24	7.77	0.00	4.38	2.22	40.84
1925	3.79	3.77	4.59	3.11	2.94	4.99	6.60	2.11	2.78	4.33	4.65	4.10	47.76
Av. 12 yrs.	3.76	3.99	4.33	4.37	3.90	4.31	4.16	3.86	4.35	2.97	4.35	4.31	48.66

RAINFALL AT GREENWICH, MASS. Elevation, 490 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.55	6.31	2.14	....
1920	2.19	4.44	2.42	5.58	3.66	6.31	3.90	3.41	6.85	0.96	4.09	6.20	50.01
1921	2.41	2.18	3.55	7.89	3.18	5.46	6.79	3.57	2.52	1.93	6.67	2.93	49.08
1922	1.11	2.66	5.03	2.01	4.10	11.61	6.58	3.41	2.31	4.22	1.79	3.33	48.16
1923	5.81	1.62	2.64	5.22	2.02	3.38	2.30	3.90	2.40	5.68	5.35	4.01	44.33
1924	3.82	2.09	0.94	4.92	3.20	1.97	2.22	5.26	5.06	0.13	3.08	2.12	34.72
1925	2.34	3.48	5.23	3.50	2.90	4.35	6.50	1.56	3.83	5.34	3.02	2.68	44.73
Av. 6 yrs.	2.95	2.73	3.30	4.85	3.18	5.51	4.72	3.52	3.83	3.04	4.00	3.54	45.17

RAINFALL AT GREENFIELD, MASS. Elevation, 270 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	...	...	...	4.62	6.75	3.17	5.78	2.04	4.02	1.56	7.97	...	....
1922	...	...	...	1.52	6.70	8.82	2.23	4.57	2.43	2.42	1.99	...	....
1923	...	...	...	...	3.37	2.95	3.89	2.25	2.59	6.97	5.45	5.00	....
1924	...	...	...	5.83	2.72	2.33	3.59	3.14	8.11	0.00	2.29	...	....
1925	...	...	...	3.93	2.18	4.64	5.38	2.50	3.52	3.78	3.96	2.91	....

RAINFALL AT GROTON, MASS. Elevation, 350 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.14	3.87	2.67	6.25	1.89	3.11	4.76	1.62	2.75	2.44	8.39	2.61	42.50
1922	2.49	3.24	5.96	1.37	5.31	7.41	5.65	5.11	5.28	2.43	1.44	3.61	49.30
1923	7.75	2.70	3.25	5.29	1.45	2.42	2.45	2.00	1.35	5.05	5.60	4.62	43.93
1924	3.66	3.30	2.66	6.14	3.36	1.52	2.20	3.42	4.74	0.03	2.97	1.76	35.76
1925	3.94	2.53	6.58	3.00	2.11	4.36	3.94	1.79	2.84	4.32	3.11	3.61	42.13
Av. 36 yrs.	3.57	3.53	3.87	3.64	3.55	3.54	3.65	3.78	3.85	3.51	3.63	3.56	43.68

RAINFALL AT HARDWICK, MASS. Elevation, 950 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	...	...	...	...	4.81	5.53	3.14	3.93	6.39	0.91	5.74	6.05	....
1921	2.54	1.97	3.51	7.69	2.48	5.61	5.72	3.28	3.39	3.52	6.33	2.88	48.92
1922	1.30	2.74	4.21	2.24	4.24	12.38	5.06	2.90	3.09	3.50	1.73	3.00	46.39
1923	5.22	1.84	1.55	5.79	2.38	4.06	2.95	3.29	2.19	5.59	3.71	3.91	42.48
1924	3.78	2.21	0.98	6.09	3.11	1.64	2.94	5.15	5.59	0.12	3.31	2.05	36.97
1925	2.43	2.52	4.73	3.43	2.72	4.23	5.62	1.65	3.64	5.11	3.08	2.02	41.18
Av. 5 yrs.	3.05	2.26	3.00	5.05	2.99	5.58	4.46	3.25	3.58	3.57	3.63	2.77	43.19

RAINFALL AT HAVERHILL, MASS. Elevation, 950 feet.
(City Hall.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.38	2.84	2.37	4.16	2.12	2.67	5.78	1.12	2.26	2.36	6.46	2.07	35.59
1922	1.87	2.78	4.73	1.61	4.53	10.01	8.02	2.90	1.79	2.07	0.96	3.09	44.36
1923	6.53	1.38	2.35	4.68	1.67	3.06	2.60	2.14	1.91	3.80	4.62	4.62	39.36
1924	3.41	2.35	1.70	4.69	2.84	2.99	2.41	3.95	6.81	T	2.16	1.53	34.84
1925	3.07	1.64	7.37	2.33	2.15	3.26	3.58	1.28	2.22	5.00	4.18	4.41	40.49
Av. 31 yrs.	3.12	3.12	3.84	3.51	2.91	3.43	3.63	2.95	3.28	3.05	3.18	3.30	39.32

RAINFALL AT FITCHBURG, MASS. Elevation, 340 feet.
(Sewage Works)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	1.63	4.60	2.87	6.09	3.49	4.83	3.37	4.73	6.55	0.91	5.23	6.79	51.09
1921	2.03	2.87	2.47	7.63	2.26	4.03	5.82	1.72	2.21	1.77	5.21	3.31	41.33
1922	2.51	2.55	5.31	1.15	5.45	6.73	4.10	4.07	2.40	2.65	1.36	4.68	42.96
1923	5.83	2.06	2.62	4.81	1.47	2.03	2.13	2.07	1.61	4.75	6.31	4.46	40.15
1924	4.48	2.97	2.17	6.11	4.09	1.04	2.17	2.64	3.38	1.07	3.27	2.13	35.52
1925	3.82	2.30	6.40	2.72	2.16	4.03	4.37	1.99	3.09	3.95	3.76	4.61	43.20
Av. 6 yrs.	3.38	2.89	3.64	4.75	3.15	3.78	3.66	2.87	3.21	2.52	4.19	4.33	42.37

RAINFALL AT FRAMINGHAM, MASS. Elevation, 160 feet.
(Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.80	4.28	2.55	5.42	3.66	3.95	6.72	1.19	2.08	1.07	7.85	2.47	44.04
1922	1.73	3.34	5.30	1.64	5.37	9.33	3.05	4.87	3.79	2.00	1.25	3.29	44.96
1923	7.48	2.09	3.44	5.18	1.02	3.62	3.07	2.15	1.70	5.31	5.50	4.97	45.53
1924	3.64	2.60	2.87	5.18	3.11	1.62	3.13	4.48	5.91	0.10	2.57	1.72	36.93
1925	4.64	2.10	5.48	3.01	2.52	4.91	4.92	1.55	3.28	4.31	3.16	5.89	45.77
Av. 50 yrs.	4.01	3.96	4.28	3.58	3.26	3.17	3.60	3.64	3.31	3.48	3.74	3.84	43.87

RAINFALL AT FRANKLIN, MASS. Elevation, 240 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1922	.	...	...	...	...	...	2.50	6.28	4.66	2.43	1.00	3.09	....
1923	7.49	1.78	2.24	5.82	1.60	5.15	4.64	1.95	1.25	6.20	4.18	4.84	47.14
1924	2.83	2.59	2.51	4.55	3.48	1.73	2.20	6.06	4.93	0.15	2.01	1.70	34.74
1925	4.12	2.01	4.99	2.54	2.33	2.25	4.92	0.98	3.68	3.86	3.60	4.56	39.84
Av. 3 yrs.	4.81	2.13	3.25	4.30	2.47	3.04	3.92	3.00	3.29	3.40	3.26	3.70	40.57

RAINFALL AT GARDNER, MASS. Elevation, 1 110 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.23	3.29	3.46	7.99	2.07	3.46	7.31	3.17	2.05	2.33	6.48	2.58	46.42
1922	1.99	3.03	6.35	1.65	4.30	9.21	4.94	4.60	4.46	3.40	1.78	3.85	49.56
1923	6.58	2.03	2.71	5.78	1.65	2.05	2.58	2.30	1.25	4.57	5.98	4.34	41.82
1924	4.42	2.29	2.06	7.10	3.40	2.35	2.49	2.86	4.74	0.07	3.28	1.91	36.97
1925	3.11	2.87	5.10	3.20	2.61	4.10	5.09	2.53	3.07	3.88	4.02	3.37	42.95
Av. 19 yrs.	3.33	3.32	3.55	3.90	3.13	3.40	3.87	3.92	3.54	2.81	3.74	3.52	42.03

RAINFALL AT GLOUCESTER, MASS. Elevation, 40 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.25	3.40	2.51	6.17	2.80	3.34	9.60	1.73	2.46	1.56	8.35	2.93	47.10
1922	2.53	3.70	4.36	2.82	5.58	11.40	6.63	4.51	3.18	2.88	.94	3.97	52.50
1923	7.74	3.99	6.57	5.20	1.82	1.71	4.72	1.95	.42	4.29	2.53	6.58	47.52
1924	3.77	3.02	2.36	3.91	3.18	3.02	2.32	6.85	3.99	0.09	2.89	3.26	38.66
1925	4.23	2.87	7.12	2.58	2.01	3.13	2.69	2.17	4.31	6.20	4.47	7.86	49.64
Av. 11 yrs.	3.85	3.94	4.42	4.11	3.43	4.79	4.10	3.52	3.62	2.87	3.81	3.90	46.36

RAINFALL AT GRANVILLE (WEST), MASS. Elevation, 1 200 feet.
(Hartford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.55	4.00	2.50	5.02	3.55	4.00	6.95	5.80	3.20	1.70	4.55	0.30	44.12
1922	2.35	2.80	6.05	5.80	4.60	7.70	9.10	8.05	5.15	3.90	0.10	2.70	58.30
1923	10.60	2.25	0.75	3.20	3.35	1.05	3.95	4.65	3.70	7.70	5.05	4.90	51.15
1924	3.37	1.65	1.15	8.30	9.40	1.40	0.95	4.40	7.35	0.00	3.34	1.67	42.98
1925	3.92	5.20	2.95	2.20	2.85	3.00	4.20	2.25	3.56	3.42	4.35	2.48	40.38
Av. 13 yrs.	3.41	3.37	3.52	4.50	3.97	3.56	4.34	4.55	3.88	3.63	3.49	2.82	45.04

RAINFALL AT GRANVILLE, MASS. Elevation, 950 feet.
(Borden Brook Reservoir, Springfield Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.31	3.78	4.64	4.42	1.91	4.20	3.43	3.88	2.74	1.66	7.12	2.26	42.35
1922	1.63	3.53	8.75	2.05	7.45	7.10	4.36	5.09	2.02	1.87	1.70	3.77	49.32
1923	8.41	1.98	2.80	4.29	3.67	3.60	2.78	3.02	4.06	7.56	3.79	5.11	51.07
1924	4.40	1.74	1.30	7.82	4.60	1.59	1.78	3.24	7.77	0.00	4.38	2.22	40.84
1925	3.79	3.77	4.59	3.11	2.94	4.99	6.60	2.11	2.78	4.33	4.65	4.10	47.76
Av. 12 yrs.	3.76	3.99	4.33	4.37	3.90	4.31	4.16	3.86	4.35	2.97	4.35	4.31	48.66

RAINFALL AT GREENWICH, MASS. Elevation, 490 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.55	6.31	2.14	....
1920	2.19	4.44	2.42	5.58	3.66	6.31	3.90	3.41	6.85	0.96	4.09	6.20	50.01
1921	2.41	2.18	3.55	7.89	3.18	5.46	6.79	3.57	2.52	1.93	6.67	2.93	49.08
1922	1.11	2.66	5.03	2.01	4.10	11.61	6.58	3.41	2.31	4.22	1.79	3.33	48.16
1923	5.81	1.62	2.64	5.22	2.02	3.38	2.30	3.90	2.40	5.68	5.35	4.01	44.33
1924	3.82	2.09	0.94	4.92	3.20	1.97	2.22	5.26	5.06	0.13	3.08	2.12	34.72
1925	2.34	3.48	5.23	3.50	2.90	4.35	6.50	1.56	3.83	5.34	3.02	2.68	44.73
Av. 6 yrs.	2.95	2.73	3.30	4.85	3.18	5.51	4.72	3.52	3.83	3.04	4.00	3.54	45.17

RAINFALL AT GREENFIELD, MASS. Elevation, 270 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	...	...	...	4.62	6.75	3.17	5.78	2.04	4.02	1.56	7.97	...	....
1922	...	...	...	1.52	6.70	8.82	2.23	4.57	2.43	2.42	1.99	...	....
1923	...	...	...	...	3.37	2.95	3.89	2.25	2.59	6.97	5.45	5.00	....
1924	...	...	...	5.83	2.72	2.33	3.59	3.14	8.11	0.00	2.29	...	....
1925	...	...	...	3.93	2.18	4.64	5.38	2.50	3.52	3.78	3.96	2.91	....

RAINFALL AT GROTON, MASS. Elevation, 350 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.14	3.87	2.67	6.25	1.89	3.11	4.76	1.62	2.75	2.44	8.39	2.61	42.50
1922	2.49	3.24	5.96	1.37	5.31	7.41	5.65	5.11	5.28	2.43	1.44	3.61	49.30
1923	7.75	2.70	3.25	5.29	1.45	2.42	2.45	2.00	1.35	5.05	5.60	4.62	43.93
1924	3.66	3.30	2.66	6.14	3.36	1.52	2.20	3.42	4.74	0.03	2.97	1.76	35.76
1925	3.94	2.53	6.58	3.00	2.11	4.36	3.94	1.79	2.84	4.32	3.11	3.61	42.13
Av. 36 yrs.	3.57	3.53	3.87	3.64	3.55	3.54	3.65	3.78	3.85	3.51	3.63	3.56	43.68

RAINFALL AT HARDWICK, MASS. Elevation, 950 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	...	...	...	...	4.81	5.53	3.14	3.93	6.39	0.91	5.74	6.05	....
1921	2.54	1.97	3.51	7.69	2.48	5.61	5.72	3.28	3.39	3.52	6.33	2.88	48.92
1922	1.30	2.74	4.21	2.24	4.24	12.38	5.06	2.90	3.09	3.50	1.73	3.00	46.39
1923	5.22	1.84	1.55	5.79	2.38	4.06	2.95	3.29	2.19	5.59	3.71	3.91	42.48
1924	3.78	2.21	0.98	6.09	3.11	1.64	2.94	5.15	5.59	0.12	3.31	2.05	36.97
1925	2.43	2.52	4.73	3.43	2.72	4.23	5.62	1.65	3.64	5.11	3.08	2.02	41.18
Av. 5 yrs.	3.05	2.26	3.00	5.05	2.99	5.58	4.46	3.25	3.58	3.57	3.63	2.77	43.19

RAINFALL AT HAVERHILL, MASS. Elevation, 950 feet.
(City Hall.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.38	2.84	2.37	4.16	2.12	2.67	5.78	1.12	2.26	2.36	6.46	2.07	35.59
1922	1.87	2.78	4.73	1.61	4.53	10.01	8.02	2.90	1.79	2.07	0.96	3.09	44.36
1923	6.53	1.38	2.35	4.68	1.67	3.06	2.60	2.14	1.91	3.80	4.62	4.62	39.36
1924	3.41	2.35	1.70	4.69	2.84	2.99	2.41	3.95	6.81	T	2.16	1.53	34.84
1925	3.07	1.64	7.37	2.33	2.15	3.26	3.58	1.28	2.22	5.00	4.18	4.41	40.49
Av. 31 yrs.	3.12	3.12	3.84	3.51	2.91	3.43	3.63	2.95	3.28	3.05	3.18	3.30	39.32

RAINFALL AT HAVERHILL, MASS. Elevation, 130 feet.
(Kenoza Lake, Water Department.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	...	...	...	...	...	...	...	...	...	1.06	6.06	4.61	....
1921	1.50	1.95	2.27	3.99	2.18	2.52	6.06	1.25	2.05	2.34	6.50	1.91	34.52
1922	1.32	2.33	4.54	1.44	4.95	10.58	8.40	3.10	2.34	2.19	0.82	2.44	44.45
1923	5.32	1.30	2.32	4.80	1.71	2.93	3.44	2.32	1.68	3.87	4.16	4.26	38.11
1924	3.29	1.99	1.28	4.47	3.34	3.13	2.67	3.96	7.40	0.02	2.62	1.63	35.80
1925	2.70	2.06	7.33	2.38	2.51	3.07	3.47	1.63	2.06	5.20	4.44	4.75	41.60
Av. 5 yrs.	2.83	1.93	3.55	3.42	2.94	4.44	4.81	2.45	3.10	2.72	3.71	3.00	38.90

RAINFALL AT HEATH, MASS. Elevation, 1 650 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	3.84	5.61	1.90	....
1920	2.49	5.70	4.59	6.50	2.65	7.18	3.64	3.78	6.79	1.32	6.98	5.14	56.76
1921	1.76	3.47	4.25	5.19	2.84	6.18	4.98	3.16	3.39	2.28	8.02	1.37	46.89
1922	2.35	1.94	7.13	3.05	7.39	7.69	3.13	5.68	2.25	2.43	1.91	3.38	48.33
1923	5.48	2.96	2.29	2.94	3.31	3.52	4.77	2.87	4.94	10.10	5.32	4.00	52.50
1924	4.31	2.72	0.83	7.86	3.33	2.16	2.81	4.16	8.00	0.00	4.49	2.42	43.09
1925	2.24	2.56	3.24	3.58	1.72	4.20	4.68	3.04	4.74	3.83	5.15	3.39	42.37
Av. 6 yrs.	3.11	3.23	3.72	4.85	3.54	5.15	4.00	3.78	5.02	3.33	5.31	3.28	48.32

RAINFALL AT HINGHAM, MASS. Elevation, 70 feet.
(Henry W. Cushing.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.36	2.79	2.58	4.57	5.90	4.21	10.50	2.27	1.24	1.06	6.61	2.99	48.08
1922	1.63	2.94	4.70	2.83	4.76	7.69	3.57	7.50	2.88	3.88	1.25	4.55	48.18
1923	**7.48**	**2.08**	**3.27**	**5.63**	**1.04**	**2.96**	**3.53**	3.12	1.26	4.23	2.16	4.71	40.87
1924	**3.83**	**3.34**	2.85	3.69	2.90	1.94	1.43	7.05	4.98	0.12	1.40	1.49	35.02
1925	**4.36**	**1.49**	4.55	2.21	2.54	2.15	5.93	2.17	3.88	4.20	3.73	5.38	42.59
Av. 40 yrs.	4.01	3.84	4.01	3.67	3.48	3.13	3.99	3.87	3.72	3.91	3.88	3.95	45.46

RAINFALL AT HINGHAM, MASS. Elevation, 40 feet.
(Town gage, Hingham Water Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.96	3.67	2.17	4.28	5.55	2.14	10.52	2.30	1.07	1.20	7.56	2.57	45.99
1922	2.18	3.40	4.76	2.74	5.38	7.40	3.93	7.27	2.95	3.47	0.83	4.25	48.56
1923	7.66	2.26	3.58	5.33	1.11	2.83	3.42	2.46	0.96	4.76	2.23	5.19	41.79
1924	3.88	3.44	3.28	3.97	2.86	**2.46**	1.83	6.47	4.57	**0.12**	1.51	1.80	36.19
1925	4.85	1.24	3.55	1.95	2.48	3.25	5.93	2.83	3.02	4.28	4.51	6.71	44.60
Av. 29 yrs.	3.88	3.80	4.08	3.97	3.30	3.38	4.22	3.66	3.58	3.37	3.61	4.07	44.92

RAINFALL AT HINGHAM, MASS. Elevation, 150 feet.
(Accord Pond, Hingham Water Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.34	2.34	2.77	3.76	5.56	3.11	10.98	3.05	0.92	1.17	7.53	2.19	46.72
1922	1.29	3.81	4.30	2.22	5.22	7.15	3.39	8.37	3.49	3.83	1.20	3.96	48.23
1923	7.16	1.89	2.96	4.73	0.96	3.09	3.64	2.68	1.25	4.41	2.33	5.05	40.15
1924	3.78	3.24	2.35	3.98	1.89	2.79	1.56	7.27	4.27	0.11	1.51	1.80	34.55
1925	3.87	1.74	4.88	2.39	2.76	1.74	5.13	1.19	3.02	4.42	4.69	5.97	41.80
Av. 9 yrs.	3.62	3.28	3.73	3.45	3.49	3.72	4.37	4.36	4.32	2.77	3.29	3.52	43.92

RAINFALL AT HOLDEN, MASS. Elevation, 750 feet.
(Jefferson, Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.56	4.38	3.29	7.20	3.94	4.02	5.39	2.17	2.37	2.20	6.97	3.19	47.68
1922	2.41	4.58	6.72	2.51	4.67	9.38	4.98	6.27	2.01	2.32	1.56	4.27	51.68
1923	9.46	2.43	3.72	5.38	1.63	3.52	3.66	2.35	1.11	5.19	5.79	5.09	49.33
1924	4.40	3.41	2.83	6.93	3.72	1.40	3.09	4.72	5.18	0.06	3.71	2.12	41.57
1925	3.40	2.38	5.92	3.11	1.84	4.01	4.83	1.66	5.21	4.82	3.41	4.46	45.05
Av. 29 yrs.	4.00	4.06	4.39	4.06	3.43	4.11	4.30	4.16	3.82	3.33	3.76	4.24	47.66

RAINFALL AT HOLDEN, MASS. Elevation, 1 100 feet.
(Kendall Reservoir, Worcester Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.36	4.08	3.55	6.94	4.31	3.20	6.38	2.47	2.56	2.21	8.82	2.71	49.59
1922	1.23	3.12	5.92	2.10	5.10	9.84	5.28	8.63	2.76	3.02	1.40	3.58	51.98
1923	8.64	2.08	3.21	5.30	1.30	4.56	3.02	2.46	1.23	5.78	5.85	4.81	48.24
1924	4.30	2.12	2.87	6.70	3.57	1.16	2.42	5.32	6.74	0.08	3.94	1.98	41.20
1925	2.51	2.33	5.70	3.61	2.38	4.46	4.23	1.83	3.84	4.83	5.05	3.72	44.49
Av. 13 yrs.	3.49	3.48	4.17	4.03	3.49	3.88	4.44	3.93	4.18	3.27	4.01	3.54	45.91

RAINFALL AT HOLDEN, MASS. Elevation, 1 000 feet.
(Kettle Brook, Worcester Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.84	3.49	3.58	7.04	3.97	2.86	4.74	2.70	2.75	1.92	8.22	1.95	46.06
1922	1.88	3.13	6.61	2.23	5.13	8.30	5.22	5.33	3.94	2.47	1.68	4.18	50.10
1923	7.56	2.30	2.77	6.23	1.26	4.80	2.64	2.69	1.54	6.03	5.88	4.96	48.66
1924	5.39	2.64	2.78	6.69	3.46	1.60	3.24	4.25	4.98	0.09	3.12	2.05	40.29
1925	3.63	2.17	5.64	3.29	2.21	4.02	4.77	1.43	2.85	4.19	3.64	4.25	42.09
Av. 21 yrs.	3.60	3.70	4.00	3.89	3.71	3.65	4.35	3.86	4.20	3.34	3.79	3.64	45.73

RAINFALL AT HOLDEN, MASS. Elevation, 750 feet.
(Reservoir No. 2, Worcester Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.76	2.61	3.25	7.11	3.92	3.01	5.10	2.63	2.48	2.06	8.22	2.68	45.83
1922	1.34	2.64	6.45	2.16	5.17	9.64	5.13	5.34	3.63	2.62	1.58	3.78	49.48
1923	7.63	1.87	2.72	6.31	1.36	4.29	2.85	2.80	1.43	5.78	5.30	4.85	47.19
1924	4.00	2.69	2.52	5.80	3.76	1.51	3.21	4.59	5.50	0.12	3.20	1.84	38.74
1925	2.92	2.35	5.60	3.16	2.23	4.04	5.43	1.57	2.72	4.66	3.84	4.02	42.54
Av. 40 yrs.	3.73	3.61	4.15	3.59	3.55	3.46	4.25	3.93	3.92	3.65	3.95	3.76	45.55

RAINFALL AT HOLYOKE, MASS. Elevation, 90 feet.
(Holyoke Water Power Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.65	3.61	2.84	5.47	2.98	2.56	5.42	3.71	2.03	1.39	6.90	2.22	41.78
1922	1.76	3.28	4.79	3.09	5.47	8.13	4.38	3.26	1.97	3.41	1.48	4.07	45.09
1923	8.35	1.99	2.94	3.88	2.95	2.99	2.08	2.52	2.15	6.57	3.80	6.15	46.37
1924	4.65	2.83	1.03	5.67	3.34	2.34	0.59	4.62	3.63	0.92	2.84	2.07	34.53
1925	4.15	3.36	4.93	3.12	2.51	3.64	6.06	2.90	2.86	4.32	2.75	3.00	43.60
Av. 28 yrs.	3.62	3.68	4.15	3.81	3.64	3.46	4.03	4.15	3.54	3.47	3.14	3.74	44.43

RAINFALL AT HOLYOKE, MASS. Elevation, 230 feet.
(Whiting Street Reservoir, Holyoke Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.41	2.47	2.96	3.98	3.03	3.33	4.55	3.63	2.26	1.38	7.13	2.39	39.52
1922	1.39	2.70	5.10	3.12	5.31	9 74	4.41	3.82	2.42	2.53	1.54	3.56	45.64
1923	6.59	2.20	2.81	4.33	3.42	3.01	2.69	3.46	2.36	6.17	3.99	5.25	46.28
1924	4.41	2.18	0.89	5.90	3.66	1.95	1.49	3.54	5.58	0.46	3.45	2.23	35.74
1925	2.95	3.37	3.43	3.38	2.68	3.23	6.54	3.22	2.27	3.08	3.39	3.17	40.71
Av. 19 yrs.	3.23	3.30	3.35	3.61	3.80	3.58	3.57	3.96	3.66	3.11	3.43	3.28	41.88

RAINFALL AT HOLYOKE, MASS. Elevation, 330 feet.
(Ashley Pond, Holyoke Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.41	2.47	2.77	4.52	3.07	2.82	3.42	3.63	2.07	1.33	5.68	1.90	36.09
1922	1.31	2.65	4.49	2.82	5.29	7.54	4.36	3.27	2.13	3.03	1.23	3.46	41.58
1923	5.61	1.70	2.27	3.95	2.96	3.72	2.39	2.80	2.14	5.98	3.50	4.78	41.80
1924	4.36	2.08	0.78	5.52	3.52	2.35	1.70	4.14	4.63	0.41	2.66	1.97	34.12
1925	3.10	3.34	3.92	2.87	2.60	3.46	5.44	2.54	2.82	4.09	2.82	2.71	39.71
Av. 19 yrs.	3.16	3.32	3.33	3.46	3.38	3.44	3.59	4.01	3.41	3.27	3.33	3.24	40.94

RAINFALL AT HOLYOKE, MASS. Elevation, 450 feet.
(High Service Reservoir, Holyoke Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.37	2.46	3.28	4.47	3.06	3.07	4.13	3.85	2.03	1.23	5.65	1.97	37.57
1922	1.28	2.57	4.34	2.86	5.27	7.27	4.29	3.48	2.01	3.08	1.20	3.44	41.09
1923	5.55	1.84	2.13	4.03	3.04	3.26	2.35	2.68	1.92	6.21	3.46	4.68	41.15
1924	4.52	1.98	0.81	5.59	3.54	2.35	1.73	3.89	4.33	0.48	2.08	1.85	33.15
1925	3.04	3.24	3.79	2.90	2.72	3.39	6.16	2.93	2.83	2.93	2.98	2.47	39.38
Av. 19 yrs.	3.06	3.22	3.32	3.50	3.70	3.49	3.58	3.84	3.33	3.28	3.25	3.11	40.68

RAINFALL AT HUBBARDSTON, MASS. Elevation, 1 030 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	3.71	6.84	2.84	6.14	1.72	....
1920	1.75	4.83	4.57	5.87	3.94	5.25	2.98	2.07	7.49	1.30	4.32	4.96	49.33
1921	1.80	1.81	2.95	7.62	2.30	3.53	6.22	2.40	2.64	2.90	5.54	2.91	42.62
1922	1.49	2.50	5.09	2.17	4.52	9.50	5.10	5.01	2.93	3.47	1.47	3.69	46.94
1923	5.97	1.97	2.55	5.67	1.81	3.04	2.67	2.20	2.38	5.13	5.80	3.99	43.18
1924	3.19	2.26	1.40	6.66	3.34	1.25	2.98	4.45	5.00	0.13	3.41	2.18	36.25
1925	2.27	2.72	5.41	2.72	2.82	4.09	5.15	2.29	5.38	4.90	3.99	3.10	44.84
Av. 6 yrs.	2.75	2.68	3.66	5.12	3.12	4.44	4.18	3.07	4.31	2.97	4.09	3.47	43.86

RAINFALL AT HUBBARDSTON, MASS. Elevation, 830 feet.
(Williamsville.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1923	...	...	...	...	...	...	...	...	...	...	6.38	4.98	....
1924	4.25	2.26	2.95	6.44	3.08	1.25	2.73	4.29	5.00	0.07	3.59	2.10	38.01
1925	3.15	2.49	4.88	3.31	2.62	3.90	5.40	1.98	5.50	4.64	3.14	3.04	44.05
Av. 2 yrs.	3.70	2.38	3.91	4.88	2.85	2.57	4.07	3.13	5.25	2.36	3.36	2.57	41.03

RAINFALL AT HUNTINGTON, MASS. Elevation, 500 feet.
(Knightville.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.22	6.43	1.91	....
1920	2.09	3.36	4.19	4.74	2.32	5.86	2.30	6.32	7.67	1.22	5.83	5.04	50.94
1921	2.06	3.14	3.70	5.16	1.71	2.82	4.57	3.37	2.25	1.81	6.23	1.82	38.64
1922	1.79	2.72	7.40	1.96	5.99	6.93	4.87	5.58	2.30	3.25	1.23	3.43	47.45
1923	5.77	1.89	2.21	3.08	2.69	3.11	3.09	2.88	2.82	6.78	4.25	4.35	42.92
1924	4.00	2.62	0.97	7.89	2.83	1.43	2.25	2.33	9.06	0.06	3.90	2.24	39.58
1925	3.15	3.37	4.22	3.53	2.84	3.95	6.64	2.14	2.09	3.04	4.38	2.36	41.71
Av. 6 yrs.	3.14	2.85	3.78	4.39	3.07	4.02	3.95	3.77	4.37	2.69	4.30	3.21	43.54

RAINFALL AT IPSWICH, MASS. Elevation, 30 feet.
(Willowdale.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.13	3.44	2.39	3.94	2.61	4.27	7.45	2.29	2.10	1.49	7.62	2.75	42.48
1922	1.92	3.49	5.50	1.49	6.16	10.52	5.10	3.20	3.10	2.33	1.10	2.87	46.78
1923	8.85	2.64	4.12	5.33	2.32	2.35	2.00	1.64	0.44	4.48	3.89	5.36	43.42
1924	4.29	2.74	2.24	4.52	3.79	2.31	1.91	6.01	7.64	0.10	3.14	1.57	40.26
1925	5.16	2.48	7.16	2.65	2.18	4.00	3.45	1.92	2.70	4.85	3.83	7.27	47.65
Av. 14 yrs.	3.89	3.78	3.83	4.08	3.34	3.67	3.80	3.21	3.19	2.72	3.55	3.70	42.76

RAINFALL, IPSWICH RIVER WATERSHED, MASS.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1911	2.37	2.70	3.33	1.78	0.35	3.65	5.70	4.05	2.52	2.86	4.18	3.60	37.09
1912	2.96	2.51	4.69	3.79	4.96	0.35	4.80	2.00	2.57	1.67	3.03	4.64	37.97
1913	2.43	2.86	4.10	3.98	3.17	1.52	1.57	3.14	3.13	7.25	2.09	3.24	38.48
1914	3.18	3.20	3.78	6.46	2.64	1.54	2.53	2.62	0.27	1.40	2.82	3.12	33.56
1915	5.45	3.32	0.08	2.28	1.39	1.95	10.57	6.23	0.79	2.83	2.58	4.41	41.88
1916	1.28	4.33	2.93	4.82	4.05	5.60	3.82	2.30	2.63	1.00	2.10	2.86	37.72
1917	3.12	2.30	3.95	2.79	4.04	4.88	1.91	3.13	1.54	5.73	1.26	2.35	37.00
1918	2.79	2.94	2.01	3.95	0.85	2.97	3.15	2.69	7.99	1.03	2.44	2.95	35.76
1919	3.62	3.27	3.78	2.62	5.45	1.01	3.26	4.56	5.87	2.53	5.89	1.47	43.33
1920	2.48	6.40	3.46	5.21	3.65	5.58	1.48	2.36	4.32	1.03	5.81	4.37	46.15
1921	1.92	2.78	2.25	4.34	2.23	3.87	9.04	2.17	2.40	1.63	6.75	2.49	41.87
1922	1.71	2.95	5.02	1.36	5.77	10.53	5.44	3.58	3.45	2.38	0.97	2.95	46.11
1923	6.86	1.73	2.68	4.99	1.91	2.52	2.35	2.53	0.69	3.89	3.80	5.10	39.05
1924	3.99	2.47	1.69	4.42	3.40	2.17	2.16	5.63	7.84	0.08	2.70	1.53	38.08
1925	4.04	2.10	7.14	2.67	2.20	4.49	3.38	2.65	2.39	4.74	3.95	6.04	45.79
Av. 15 yrs.	3.21	3.06	3.39	3.70	3.07	3.51	4.08	3.31	3.22	2.67	3.36	3.41	39.99

RAINFALL AT LAKE COCHITUATE, MASS. Elevation, 140 feet.
(Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.75	3.58	2.87	5.85	3.31	4.13	7.92	1.27	2.24	1.13	7.75	2.51	45.31
1922	1.84	3.38	5.58	1.75	5.06	10.53	3.06	4.11	4.42	2.33	1.24	3.66	46.96
1923	7.55	2.43	3.48	5.11	0.98	3.18	3.01	2.16	1.28	5.10	5.33	5.49	45.10
1924	3.52	2.68	2.80	5.30	3.20	1.71	2.78	5.16	6.00	0.09	2.40	1.76	37.40
1925	4.68	2.15	5.59	2.84	2.35	4.43	4.37	1.24	3.05	4.52	3.33	5.44	43.99
Av. 74 yrs.	3.84	3.76	4.14	3.84	3.54	3.36	3.89	4.22	3.58	3.76	4.03	3.65	45.61

RAINFALL AT LAKEVILLE, MASS. Elevation, 60 feet.
(Assawompsett Pond, Taunton Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.33	1.92	3.76	6.49	3.27	1.87	10.76	2.47	1.75	1.09	8.18	2.59	47.48
1922	2.29	3.58	5.31	3.24	4.33	7.52	5.88	11.70	2.04	3.48	1.43	4.30	55.10
1923	7.34	2.20	4.95	5.42	1.31	3.00	2.21	2.83	2.34	4.16	2.18	5.53	43.47
1924	4.67	3.33	4.00	4.84	3.59	1.95	1.38	7.79	4.03	0.25	1.64	2.23	39.70
1925	3.85	1.97	3.83	2.59	2.84	3.33	3.65	2.55	5.06	4.18	4.20	4.11	42.16
Av. 32 yrs.	4.04	3.70	4.30	4.04	3.53	3.19	3.55	3.50	3.49	3.60	3.64	3.98	44.56

RAINFALL AT LAWRENCE, MASS. Elevation, 51 feet.
(Essex Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.89	2.51	2.51	4.42	2.69	2.62	5.92	1.43	2.34	2.35	7.14	2.73	38.55
1922	2.12	3.03	4.59	2.28	4.75	11.14	7.17	4.22	4.46	2.12	1.16	3.47	50.51
1923	8.39	2.19	2.75	5.00	1.63	2.86	2.17	1.77	1.12	3.71	5.16	4.89	41.64
1924	4.46	2.99	2.16	4.94	3.53	2.22	2.43	4.00	8.14	0.02	2.88	1.81	39.58
1925	4.12	2.29	8.21	2.45	2.02	4.12	3.39	1.97	2.33	5.08	4.60	3.97	44.55
Av. 70 yrs.	3.67	3.27	3.91	3.45	3.47	3.24	3.80	3.94	3.30	3.32	3.54	3.47	42.38

RAINFALL AT LAWRENCE, MASS. Elevation, 45 feet.
(Experiment Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.91	3.52	2.72	4.07	1.99	2.86	5.35	1.29	2.28	2.40	7.87	2.69	38.95
1922	2.17	2.57	4.52	2.00	4.90	11.34	7.81	4.11	4.17	2.00	1.05	2.89	49.53
1923	6.41	1.63	2.11	4.71	1.51	3.10	2.29	1.74	1.33	4.26	4.78	4.65	38.52
1924.	3.39	2.09	1.92	3.90	3.22	2.23	2.21	4.25	8.40	0.08	3.17	1.52	36.38
1925	3.40	2.42	7.76	2.44	2.15	3.75	3.53	1.87	2.39	5.41	4.08	4.38	43.58
Av. 22 yrs.	3.34	3.18	3.51	3.77	2.80	3.60	3.95	2.97	3.43	2.65	3.48	3.45	40.13

RAINFALL AT LEICESTER, MASS. Elevation, 800 feet.
(Lynde Brook Reservoir, Worcester Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.62	3.25	3.34	7.54	4.63	3.11	6.13	3.00	2.62	2.30	8.39	1.54	48.47
1922	1.85	2.86	6.49	1.94	4.69	9.29	3.47	5.08	2.75	2.23	1.94	3.59	46.18
1923	6.90	2.11	2.71	6.26	1.29	4.40	2.71	2.48	1.26	5.43	5.34	5.06	45.95
1924	4.23	2.87	2.68	6.13	3.38	1.24	3.55	5.08	4.80	0.10	2.82	1.86	38.74
1925	3.66	2.11	5.49	3.16	2.00	3.69	5.08	1.52	2.43	4.37	3.11	4.44	41.06
Av. 51 yrs.	3.56	3.41	4.16	3.42	3.37	3.22	4.12	4.02	3.43	3.56	3.67	3.51	43.45

RAINFALL AT LEOMINSTER, MASS. Elevation, 500 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.22	2.71	2.38	5.55	4.37	4.19	6.72	1.94	3.06	1.83	7.22	2.43	44.62
1922	2.56	2.78	5.30	2.02	5.98	7.46	5.47	5.64	4.37	2.79	1.57	3.25	49.19
1923	6.52	1.78	2.73	5.28	1.38	2.97	3.44	1.77	1.50	4.95	6.56	4.37	43.25
1924	4.18	2.19	1.76	5.34	4.10	1.18	2.37	4.29	4.49	0.03	3.38	2.21	35.52
1925	3.22	2.07	6.57	2.73	1.93	5.11	4.54	2.79	3.18	4.15	3.81	4.53	44.63
Av. 41 yrs.	3.59	3.48	3.78	3.41	3.66	3.51	4.13	4.12	3.80	3.47	3.72	3.62	44.29

RAINFALL AT LINCOLN, MASS. Elevation, 187 feet.
(Baker's Bridge.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.24	3.58	1.62	3.73	4.67	3.67	9.60	2.06	1.67	1.36	3.89	1.19	39.28
1922	0.70	1.95	3.49	1.83	5.43	9.00	5.05	4.21	1.86	2.58	1.54	2.85	40.49
1923	5.96	1.40	2.44	5.13	1.28	2.97	2.91	1.75	1.54	4.75	4.60	5.48	40.21
1924	2.21	1.93	1.75	3.32	3.82	1.85	1.57	4.84	6.39	0.12	2.37	1.50	31.67
1925	2.52	1.79	6.15	2.79	2.45	4.78	4.32	**2.10**	**2.95**	**4.46**	**3.08**	**5.00**	42.39
Av. 20 yrs.	2.75	2.73	3.03	3.20	3.43	3.30	3.96	2.95	3.26	2.51	3.16	3.01	37.29

RAINFALL AT LITTLETON, MASS. Elevation, 325 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.18	2.11	2.36	6.34	1.81	3.84	5.89	1.38	2.13	2.46	8.07	2.23	40.80
1922	1.44	2.38	4.48	1.28	5.05	7.26	5.43	4.47	4.32	2.79	1.56	2.89	43.35
1923	5.43	1.75	2.15	5.79	1.33	3.09	2.53	2.65	0.87	5.34	6.24	4.40	41.57
1924	3.20	2.21	1.20	5.23	3.40	1.73	2.02	4.27	5.24	0.05	2.53	1.57	32.65
1925	3.10	2.01	5.92	2.78	1.89	3.97	4.49	2.02	2.38	4.77	3.56	4.02	40.91
Av. 8 yrs.	3.00	2.54	3.34	4.18	3.02	3.77	3.94	2.80	4.31	2.45	4.42	3.17	40.94

RAINFALL AT LOWELL, MASS. Elevation, 80 feet.
(Merrimack Manufacturing Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.02	2.19	2.49	5.22	1.74	**2.85**	6.09	2.12	2.25	2.23	7.41	2.26	38.87
1922	1.28	3.01	3.21	2.40	3.08	10.40	5.10	3.64	5.19	2.48	1.43	3.22	44.44
1923	6.19	2.34	2.56	5.46	1.45	2.17	2.09	1.67	0.90	3.57	5.59	4.01	38.00
1924	3.62	2.33	1.68	4.58	3.18	1.75	2.10	3.97	5.99	0.01	2.34	1.74	33.29
1925	3.55	2.15	6.91	2.05	2.18	3.92	3.15	2.12	2.26	4.69	3.34	3.47	39.79
Av. 100 yrs.	3.16	3.09	3.51	3.49	3.39	3.30	3.58	4.07	3.33	3.44	3.68	3.32	41.36

RAINFALL AT LOWELL, MASS. Elevation, 100 feet.
(Proprietors Locks and Canals.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.14	3.31	2 39	5.94	1.93	2.85	6.40	2 06	2.32	2.30	8.82	2.35	42.81
1922	2.44	3.02	4.82	2.37	5 31	10.40	5.59	3.79	5.41	2.76	1.45	3.17	50.53
1923	7.22	2.06	3.08	6.08	1.62	2.38	2.26	1.77	1.05	4.46	6.30	4.84	43.12
1924	4.35	2.86	2.96	5.89	2.99	1.82	2.06	4.32	5.97	0.04	2.54	1.89	37.69
1925	3.88	2.40	7.27	2.61	2.34	3.99	3.38	2.67	2.38	5.02	3.64	4.33	43.91
Av. 71 yrs.	3.87	3.76	4.12	3.80	3.50	3.40	3.73	4.09	3.41	3.40	3.73	3.72	44.53

RAINFALL AT LUDLOW, MASS. Elevation, 410 feet.
(Ludlow Reservoir, Springfield Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.42	1.83	3.02	3.58	2.73	3.07	3.69	1.62	1.78	1.70	3.77	2.06	31.27
1922	1.37	2.24	3.12	**1.85**	**4.76**	8.17	8.73	4.78	2.98	3.06	1.63	2.78	45.47
1923	5.04	1.33	2.08	4.75	2.06	4.00	2.19	2.05	1.09	5.54	4.99	3.67	38.79
1924	2.96	1.76	1.12	4.61	2.86	2.18	2.06	3.62	3.75	0.14	2.73	2.19	29.98
1925	2.01	3.29	4.62	3.05	2.42	4.96	5.04	1.53	3.29	4.58	2.37	2.29	39.45
Av. 50 yrs.	3.20	3.04	3.67	3.11	3.24	3.41	4.43	3.81	3.46	3.33	3.11	3.29	41.10

RAINFALL AT LYNN, MASS. Elevation, 40 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.07	3.00	3.31	5.89	1.87	4.05	6.69	1.11	1.62	1.05	6.05	2.49	39.20
1922	1.55	2.63	4.91	1.56	4.60	10.29	4.52	4.30	3.95	2.19	1.42	3.65	45.57
1923	6.61	1.87	2.77	5.43	1.34	2.25	2.69	3.28	0.47	2.90	3.25	4.87	37.73
1924	3.85	1.80	2.50	3.23	2.75	3.17	1.57	6.47	7.27	0.11	2.53	1.63	36.88
1925	3.79	2.11	5.56	2.51	2.11	3.78	3.24	1.54	2.88	5.26	3.33	4.97	41.08
Av. 53 yrs.	3.62	3.43	3.84	3.49	3.23	3.19	3.37	3.71	3.22	3.39	3.51	3.30	41.30

RAINFALL AT LYNN, MASS. Elevation, 70 feet.
(City Hall.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.26	2.03	2.64	5.85	2.12	4.17	6.44	1.07	1.51	1.00	5.94	2.48	37.51
1922	1.42	2.68	5.22	1.33	5.14	9.77	4.17	4.11	4.09	2.24	0.85	3.04	44.06
1923	5.98	1.41	2.28	5.14	1.31	2.23	2.72	3.12	0.44	3.13	3.14	3.75	34.65
1924	3.98	2.39	1.58	3.57	3.64	3.21	1.50	7.16	7.39	0.06	2.52	1.60	38.60
1925	2.78	2.15	5.94	2.45	2.40	4.09	3.19	1.33	2.41	4.86	3.61	5.57	40.78
Av. 45 yrs.	3.25	3.08	3.34	3.45	3.19	3.28	3.26	3.75	3.16	3.10	3.24	3.16	39.26

RAINFALL AT MANCHESTER, MASS. Elevation, 20 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.20	2.81	2.72	5.52	2.56	3.12	9.06	1.80	2.47	1.47	7.69	2.33	43.75
1922	2.48	3.04	5.34	1.81	5.74	10.67	5.94	5.52	3.73	2.75	0.96	3.48	51.46
1923	6.53	2.18	3.14	5.00	1.99	2.11	2.30	1.73	0.16	2.14	2.60	2.38	32.26
1924	3.39	2.93	1.47	4.20	3.28	2.86	2.13	7.46	4.20	0.03	3.62	1.61	37.18
1925	3.82	2.24	6.38	2.67	2.48	3.38	3.11	2.24	7.41	6.02	3.73	6.55	50.03
Av. 13 yrs.	3.44	3.26	3.39	4.18	3.27	3.78	3.89	3.44	3.61	2.68	3.45	3.34	41.73

RAINFALL AT MARLBOROUGH, MASS. Elevation, 450 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.27	2.75	1.37	3.37	5.03	2.97	7.16	1.70	2.10	1.43	8.40	2.54	41.09
1922	1.78	2.75	4.30	2.39	5.13	8.95	4.08	5.66	3.63	2.36	1.53	3.28	45.84
1923	5.97	1.37	2.24	5.37	0.98	4.79	2.08	2.34	1.24	5.94	6.04	4.65	43.01
1924	3.27	2.31	2.12	2.68	3.47	1.34	2.51	4.75	4.71	0.11	2.53	1.54	31.34
1925	3.58	2.39	5.43	3.40	2.05	4.07	3.70	2.41	2.76	4.08	3.11	5.39	42.37
Av. 26 yrs.	3.09	3.24	3.48	3.55	3.33	3.56	3.68	3.23	3.51	2.81	3.32	3.42	40.22

RAINFALL AT MANSFIELD, MASS. Elevation, 249 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	...	...	...	...	...	...	...	...	1.72	0.88	7.01	2.46	....
1922	1.83	3.08	4.48	1.98	4.91	8.80	3.84	5.49	3.53	2.60	1.42	3.04	45.00
1923	6.91	1.69	3.16	5.59	1.34	4.97	3.07	3.39	0.83	4.13	3.27	5.00	43.35
1924	3.88	3.08	3.98	5.74	2.82	2.34	1.42	6.22	7.25	0.15	2.05	1.95	40.88
1925	3.89	2.15	4.78	2.92	2.72	1.65	5.33	1.59	4.32	4.23	4.43	4.41	42.22
Av. 4 yrs.	4.13	2.50	4.10	4.06	2.95	4.44	3.41	4.12	3.98	2.78	2.79	3.60	42.86

RAINFALL AT MIDDLEBOROUGH, MASS. Elevation 53 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.93	1.86	3.44	4.25	4.48	1.11	9.24	1.82	0.87	1.09	6.96	2.39	40.44
1922	2.05	3.46	5.42	2.59	4.03	6.02	5.22	10.93	2.83	3.10	1.34	3.26	50.25
1923	6.85	1.96	4.12	5.71	1.24	3.13	2.13	2.77	2.26	3.75	1.78	5.14	40.84
1924	4.37	3.52	3.81	5.61	2.02	2.11	1.12	7.14	3.26	0.13	1.46	2.04	36.59
1925	4.57	1.95	3.65	2.58	2.34	2.30	3.56	1.75	4.71	4.09	4.09	3.83	39.42
Av. 38 yrs.	4.08	3.83	4.16	3.72	3.29	2.92	3.39	3.47	3.41	3.81	3.56	3.71	43.35

RAINFALL AT MIDDLEFIELD, MASS. Elevation, 1 650 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.47	...	...	....
1920	...	...	...	...	...	...	3.20	4.54	6.94	1.48	4.65	5.00	....
1921	2.09	4.82	4.56	5.11	1.77	2.69	3.86	3.04	3.32	2.25	4.87	2.06	40.44
1922	2.41	3.00	6.43	2.07	5.33	7.46	3.22	4.33	1.48	3.38	1.33	4.03	44.47
1923	4.90	2.33	0.98	2.61	3.17	2.80	3.78	2.55	3.36	6.46	**4.80**	3.97	41.71
1924	4.01	2.16	1.33	5.37	**4.76**	1.52	2.30	3.42	8.56	0.09	3.98	2.64	40.14
1925	3.64	3.61	3.65	3.63	3.31	4.00	6.40	2.02	4.10	3.87	4.83	2.40	45.46
Av. 5 yrs.	3.41	3.19	3.39	3.76	3.67	3.69	3.91	3.07	4.16	3.21	3.96	3.02	42.44

RAINFALL AT MILFORD, MASS. Elevation, 275 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.60	3.00	3.01	4.43	1.71	2.08	9.16	2.01	1.63	1.03	6.80	2.34	39.80
1922	1.52	2.57	5.55	0.98	4.49	7.21	2.96	5.03	4.03	2.39	1.33	3.38	41.44
1923	5.94	1.49	2.92	5.79	0.96	3.62	3.34	2.69	1.37	5.43	5.53	4.97	44.05
1924	3.66	2.37	1.78	5.60	2.93	1.91	2.77	5.79	5.64	0.17	2.41	1.68	36.71
1925	2.00	1.72	4.14	2.30	2.57	4.08	5.48	0.84	4.88	4.14	3.16	4.41	39.72
Av. 11 yrs.	3.21	3.05	3.41	3.44	2.88	3.51	4.51	3.42	3.56	2.53	3.39	3.28	40.19

RAINFALL AT MILLIS, MASS. Elevation, 130 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	...	...	...	...	...	...	...	...	...	...	5.43	3.69	....
1921	1.95	4.11	3.12	5.23	3.52	3.80	9.67	1.37	1.78	1.14	7.80	2.58	46.07
1922	1.89	3.10	**5.40**	1.47	4.97	9.51	3.59	4.97	4.99	2.73	1.19	3.60	47.41
1923	6.57	1.87	2.72	5.33	0.90	3.53	3.69	2.33	1.35	5.13	4.12	4.82	42.36
1924	3.51	2.59	2.96	5.08	3.12	2.29	2.55	6.11	5.73	0.29	2.27	1.75	38.25
1925	3.48	2.53	5.49	2.81	2.54	2.88	5.72	0.97	4.20	4.02	3.52	3.49	41.65
Av. 5 yrs.	3.48	2.84	3.94	3.99	3.01	4.40	5.04	3.15	3.61	2.66	3.78	3.25	43.15

RAINFALL AT MILTON, MASS. Elevation, 640 feet.
(Blue Hill Observatory.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.69	3.95	2.83	5.10	5.20	4.33	10.43	2.44	1.80	1.24	7.80	2.96	51.77
1922	1.80	3.69	5.15	2.92	6.06	10.78	4.05	6.19	5.20	2.62	1.42	4.12	54.00
1923	8.06	2.17	2.96	6.11	1.24	3.49	3.92	1.73	0.84	4.84	3.34	6.30	45.00
1924	3.85	3.30	2.84	5.07	3.93	1.96	1.99	8.00	7.48	0.22	2.17	1.99	42.80
1925	4.71	2.25	6.35	3.49	2.95	2.93	6.62	1.85	4.29	4.46	3.83	6.62	50.35
Av. 40 yrs.	4.13	3.89	4.29	3.79	3.62	3.35	4.08	3.96	4.07	3.75	3.79	3.97	46.69

RAINFALL AT MONROE BRIDGE, MONROE, MASS. Elevation, 840 feet.
(Power Construction Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.45	2.97	3.64	4.62	3.26	4.67	3.70	2.68	2.62	3.51	7.26	1.84	42.22
1922	2.29	3.18	5.39	4.30	5.21	8.09	2.08	7.25	2.30	1.72	1.72	3.28	46.81
1923	6.58	2.34	2.18	3.91	2.97	4.05	4.94	2.78	4.87	6.50	3.31	5.44	49.87
1924	4.75	2.30	1.15	5.50	4.16	1.23	2.32	4.51	4.39	1.85	3.60	2.12	37.88
1925	1.99	3.68	4.86	3.18	2.73	6.37	7.09	3.70	4.50	3.59	4.34	3.59	49.62
Av. 12 yrs.	3.21	3.20	3.45	3.73	3.70	4.14	4.30	4.42	3.92	3.48	3.71	3.40	44.66

RAINFALL AT MONTAGUE, MASS. Elevation, 200 feet.
(Turners Falls Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.89	2.43	4.77	2.64	6.49	2.12	4.97	2.40	4.41	1.69	7.27	2.10	43.18
1922	1.96	2.88	6.58	3.41	6.27	7.05	1.30	3.17	1.98	1.60	1.37	1.69	39.26
1923	4.05	1.35	1.36	2.67	2.33	2.08	3.30	2.01	2.33	4.20	4.30	3.45	33.43
1924	3.10	1.13	0.67	4.33	2.12	1.58	2.76	2.07	6.29	0.00	2.15	2.75	28.95
1925	1.57	3.55	3.69	2.93	1.78	3.49	4.32	2.00	3.31	2.84	2.90	2.07	34.45
Av. 34 yrs.	3.09	2.78	3.52	2.98	3.31	3.26	3.54	3.77	3.54	2.79	3.10	3.19	38.87

RAINFALL AT NANTUCKET, MASS. Elevation, 15 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.23	2.89	2.37	2.49	4.43	2.79	3.41	1.33	1.22	2.13	5.25	2.40	32.94
1922	3.68	4.91	6.24	2.90	3.44	2.61	5.05	8.40	0.83	5.34	0.67	4.87	48.94
1923	4.75	2.25	6.46	4.27	0.37	1.27	3.48	1.90	1.01	2.82	2.38	5.19	36.15
1924	3.28	1.92	4.43	4.30	4.07	4.51	1.78	4.74	2.89	0.10	2.76	2.61	37.39
1925	3.64	1.02	2.18	2.37	2.22	4.06	2.29	2.49	2.05	4.60	3.18	2.73	32.83
Av. 51 yrs.	3.81	3.14	3.74	3.33	3.16	2.79	2.69	3.25	2.67	3.52	3.26	3.94	39.30

RAINFALL, NASHUA RIVER WATERSHED, MASS.
(Metropolitan Water Supply.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.67	4.07	2.87	6.51	3.01	3.75	6.41	1.94	2.35	2.00	7.31	2.77	45.66
1922	2.40	3.77	6.21	2.19	4.78	9.22	4.91	5.59	2.77	2.41	1.59	4.02	49.86
1923	7.95	2.30	3.29	5.52	1.44	3.51	3.72	2.04	1.04	5.16	5.87	5.07	46.91
1924	4.23	3.31	2.41	6.58	3.55	1.13	2.60	4.61	4.79	0.09	3.30	2.03	38.63
1925	3.68	2.27	5.81	3.06	2.14	3.97	3.95	2.04	4.26	4.37	3.43	4.39	43.37
Av. 29 yrs.	3.69	3.76	4.10	3.93	3.35	3.88	4.13	3.94	3.70	3.15	3.62	3.99	45.24

RAINFALL AT NEW BEDFORD, MASS. Elevation, 100 feet.
(City Hall.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.54	1.87	2.97	3.63	2.80	1.38	8.19	2.67	0.99	2.08	7.05	1.69	36.86
1922	1.70	2.61	3.74	1.20	2.88	3.46	3.28	8.71	1.92	3.77	1.02	2.80	37.09
1923	4.40	1.10	4.88	4.24	0.57	2.23	1.44	1.33	1.36	3.74	1.65	4.45	31.39
1924	4.58	1.55	3.74	5.33	3.53	1.47	1.00	7.60	3.08	0.15	1.66	2.62	36.31
1925	3.46	1.93	2.92	2.19	3.64	2.54	2.11	3.16	5.62	5.00	3.40	3.63	39.60
Av. 20 yrs.	3.95	3.14	3.65	3.64	2.91	3.09	3.32	4.21	2.67	2.79	2.96	3.41	39.74

RAINFALL AT NEW BEDFORD, MASS. Elevation, 100 feet.
(L. J. Hathaway, Jr.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.23	3.26	4.09	4.67	3.49	2.52	9.59	2.22	1.17	1.70	8.42	2.68	47.04
1922	2.24	3.63	6.30	2.01	4.51	5.71	5.56	10.59	1.83	3.65	1.25	3.76	51.04
1923	6.87	2.11	5.50	6.44	1.33	3.75	2.05	2.55	2.48	4.09	2.06	5.96	45.19
1924	5.04	3.78	3.36	7.54	2.53	2.04	0.98	7.64	3.96	0.18	1.75	2.57	41.37
1925	4.31	2.08	3.57	2.04	3.22	2.98	4.39	1.90	4.23	5.10	4.27	4.56	42.65
Av. 112 yrs.	4.05	3.85	4.29	3.97	3.90	3.12	3.35	4.18	3.42	3.82	4.12	4.11	46.18

RAINFALL AT NEWBURYPORT, MASS. Elevation, 20 feet.
(Plum Island.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.38	1.85	1.94	3.21	2.59	3.10	6.78	1.15	1.85	2.12	7.63	1.98	35.58
1922	2.12	2.48	5.58	1.38	6.88	9.27	4.74	3.92	2.51	2.28	0.72	2.05	43.93
1923	4.22	0.65	2.17	4.91	2.16	2.36	3.11	2.05	0.77	3.61	3.08	4.06	33.15
1924	3.09	1.74	0.79	3.50	2.78	2.45	2.74	4.01	6.41	0.00	3.38	1.60	32.49
1925	4.11	2.06	7.26	2.49	2.17	2.96	3.53	1.72	2.15	5.57	4.09	5.00	43.11
Av. 13 yrs.	2.68	2.56	2.85	3.61	3.01	3.74	3.85	3.03	2.89	2.80	3.14	2.80	36.96

RAINFALL AT NEW SALEM, MASS. Elevation, 850 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	3.50	5.15	2.71	7.21	2.05	....
1920	2.30	4.40	3.69	6.54	3.35	5.88	1.83	4.76	7.62	1.29	4.39	6.00	52.05
1921	2.33	2.68	4.30	9.95	3.23	5.27	5.89	3.07	3.42	3.13	6.46	2.46	52.19
1922	1.19	3.06	5.72	1.81	5.94	11.59	3.17	6.60	2.21	3.33	1.83	3.37	49.82
1923	5.90	1.61	2.07	3.79	1.99	3.36	2.94	3.30	1.84	6.16	4.35	4.30	41.61
1924	3.73	1.57	0.86	5.11	3.62	1.23	2.90	2.82	6.45	0.06	2.89	2.39	33.63
1925	2.35	3.80	4.55	1.54	2.84	4.70	8.07	2.40	5.77	4.18	2.83	3.02	46.05
Av. 6 yrs.	2.96	2.86	3.53	4.79	3.50	5.34	4.13	3.83	4.55	3.02	3.79	3.59	45.89

RAINFALL AT NEWTON, MASS. Elevation, 100 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.84	3.25	2.82	5.87	2.34	4.33	8.47	1.65	1.76	1.09	6.65	2.42	43.49
1922	1.92	3.35	5.31	1.55	5.01	10.36	3.23	5.04	4.22	2.35	1.20	3.65	47.19
1923	7.17	2.18	2.92	5.26	0.96	2.70	3.26	1.88	0.96	4.70	4.00	4.99	40.98
1924	3.54	2.57	2.30	5.00	2.79	1.43	2.00	6.04	8.21	0.13	1.90	1.72	37.63
1925	3.75	1.94	6.30	2.71	2.28	4.10	5.24	0.95	3.58	3.97	3.48	5.42	43.72
Av. 18 yrs.	3.63	3.43	3.62	3.82	2.96	3.30	3.79	3.55	3.32	2.52	3.17	3.41	40.52

RAINFALL AT NORTH ADAMS, MASS. Elevation, 1 200 feet.
(Notch Brook Reservoir.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.30	1.76	3.93	4.49	2.54	3.76	5.20	3.40	1.96	1.97	6.00	1.19	37.50
1922	1.99	2.38	5.17	2.41	4.62	8.53	2.54	5.40	1.47	1.70	1.51	1.88	39.60
1923	7.13	2.23	1.97	3.64	1.78	3.45	2.82	2.83	3.77	4.94	5.63	1.86	42.05
1924	3.11	2.01	1.17	5.77	3.66	1.45	2.65	4.79	5.32	0.04	2.73	2.51	35.21
1925	2.98	3.67	2.55	2.73	2.47	4.67	5.32	2.74	3.85	3.94	4.67	2.06	41.65
Av. 26 yrs.	3.05	3.05	3.40	3 27	3 02	3.54	3.71	3.88	3.44	3.03	2.90	3.09	39.38

RAINFALL AT NORTH ADAMS, MASS. Elevation, 1 000 feet.
(Broad Brook Reservoir.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.83	2.94	4.80	3.31	2.06	3.76	3.75	2.93	2.77	1.72	5.39	2.09	37.35
1922	1.91	2.13	4.16	4.63	3.94	8.20	1.86	5.62	1.95	1.59	1.69	2.35	40.03
1923	5.33	1.29	2.06	2.87	2.08	4.68	4.65	2.48	3.81	5.39	4.20	3.76	42.60
1924	3.90	1.71	0.78	5.64	3.45	1.95	3.67	4.54	3.84	1.79	2.68	1.67	35.62
1925	2.59	3.25	5.34	2.57	2.65	5.50	4.61	3.80	5.73	3.87	3.83	1.64	45.38
Av. 26 yrs.	3.01	2.59	3.50	3.40	3.14	3.98	3.99	4.30	3.66	3.34	2.94	3.15	41.00

RAINFALL AT NORTH ANDOVER, MASS. Elevation, 100 feet.
(Ingalls Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.90	2.35	2.58	5.39	2.04	4.39	6.10	2.64	2.82	2.20	6.36	2.54	41.31
1922	1.34	2.36	5.30	1.14	5.34	10.26	6.58	3.10	3.08	2.36	0.92	2.43	44.21
1923	5.86	1.26	1.96	5.47	1.90	2.68	3.32	1.84	0.90	4.14	4.38	5.03	38.74
1924	3.83	2 02	1.85	4.55	3.25	1.32	1.99	4.09	8.68	0.05	2.31	1.17	35.11
1925	3.53	1.81	7.55	2.72	2.41	4.75	2.55	2.90	2.71	4.40	4.14	5.70	45.17
Av. 14 yrs.	2.95	2.67	3.28	3.99	3.27	3.51	4.07	3.17	3.26	2.83	3.34	3.34	39.68

RAINFALL AT NORTH ATTLEBOROUGH, MASS. Elevation, 200 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.78	1.99	2.56	4.36	3.76	5.31	8.35	2.27	1.31	0.91	6.35	2.39	42.34
1922	1.54	2.68	4.28	2.33	4.89	7.70	4.74	6.53	4.24	2.51	1.22	3.04	45.70
1923	6.28	1.29	3.00	4.65	0.61	3.33	2.56	2.65	0.68	3.95	3.35	4.68	37.03
1924	4.00	3.07	2.68	4.59	2.78	2.03	3.73	5.26	9.10	0.00	1.92	1.85	41.01
1925	3.05	1.94	4.18	2.03	1.66	1.86	5.23	1.73	4.80	3.82	4.07	3.38	37.75
Av. 11 yrs.	3.65	2.85	3.17	3.34	3.41	4.37	4.41	3.66	3.62	2.41	2.99	3.18	41.06

RAINFALL AT NORTHBRIDGE, MASS. Elevation, 350 feet.
(Whitinsville.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.05	2.97	2.74	5.57	3.03	3.07	7.53	2.30	1.67	0.92	9.12	2.46	44.43
1922	1.80	2.87	5.57	1.72	4.59	6.51	3.98	3.79	3.18	2.79	1.43	3.16	41.39
1923	6.58	1.90	3.11	5.70	1.03	4.63	3.68	2.59	1.68	5.53	6.11	5.00	47.54
1924	3.59	2.23	2.17	5.37	3.07	1.70	3.99	5.34	5.31	0.21	2.77	1.74	37.49
1925	3.74	2.12	5.08	2.61	2.69	4.41	6.46	1.23	2.25	4.13	3.30	4.61	42.63
Av. 54 yrs.	3.91	3.77	4.27	3.61	3.36	3.27	3.79	4.21	3.39	3.69	3.78	3.67	44.72

RAINFALL AT NORWOOD, MASS. Elevation, 90 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.52	2.14	2.54	6.25	2.80	3.98	8.18	1.24	2.10	1.31	6.12	1.96	41.14
1922	2.07	2.45	5.36	1.50	5.51	10.33	4.31	5.90	4.86	2.39	0.95	2.87	48.50
1923	5.60	1.35	2.73	5.50	1.00	3.15	3.51	1.56	0.95	4.78	2.97	4.81	37.91
1924	3.09	2.45	2.69	5.33	3.28	1.52	2.55	5.48	8.40	0.17	1.91	1.56	38.43
1925	3.30	1.79	5.55	2.68	2.29	2.61	6.41	1.16	5.09	4.46	3.91	6.04	45.29
Av. 13 yrs.	3.19	2.81	3.37	4.00	3.23	3.58	4.96	4.19	3.68	2.87	2.98	3.32	42.18

RAINFALL AT OAKHAM, MASS. Elevation, 750 feet.
(Coldbrook Springs.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1923	...	...	...	...	...	...	...	...	...	...	5.09	4.30	....
1924	3.83	1.68	1.12	5.12	2.36	1.18	2.71	5.11	5.28	0.08	3.46	2.22	34.15
1925	2.30	1.73	4.99	2.80	2.43	4.54	4.60	1.48	4.63	4.57	3.03	2.27	39.37
Av. 2 yrs.	3.07	1.70	3.06	3.96	2.39	2.86	3.66	3.29	4.96	2.32	3.25	2.24	36.76

RAINFALL AT OTIS, MASS. Elevation, 1 400 feet.
(West Otis Post Office.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.48	2.73	4.67	5.04	1.77	3.02	4.05	4.41	2.71	1.92	5.00	1.90	39.70
1922	2.07	2.96	7.29	1.90	5.76	7.80	5.13	5.32	1.21	2.97	1.49	2.77	46.67
1923	5.32	1.78	2.01	2.78	3.55	3.77	3.50	4.08	3.35	6.43	2.45	3.36	42.38
1924	2.95	2.03	1.37	6.99	4.06	2.06	2.94	3.65	7.91	0.05	3.41	1.87	39.29
1925	2.77	2.89	4.24	3.65	3.60	5.07	8.86	1.21	4.08	3.64	3.64	2.37	46.02
Av. 13 yrs.	3.07	2.96	3.40	3.70	3.51	3.97	4.45	3.96	3.79	3.16	3.37	2.82	42.16

RAINFALL AT OTIS, MASS. Elevation, 1 430 feet.
(Otis Reservoir, Hartford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1925	2.35	2.48	3.20	2.95	2.73	4.20	7.66	1.45	3.05	3.98	3.65	1.95	39.65

RAINFALL AT PALMER (BONDSVILLE), MASS. Elevation, 400 feet.
(Boston Duck Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	...	...	...	6.22	2.71	3.50	5.11	2.59	2.18	1.63	5.81	2.00	....
1922	1.89	2.90	6.58	1.90	4.24	7.68	6.89	3.30	3.28	2.77	1.53	3.25	46.21
1923	5.26	1.66	2.72	4.24	1.67	4.30	2.49	2.66	2.24	5.07	4.83	4.54	41.68
1924	3.51	2.21	1.15	6.30	2.44	2.29	2.55	4.31	4.23	0.09	2.57	2.02	33.67
1925	2.94	2.77	4.84	2.94	1.95	4.42	4.34	1.52	3.10	4.42	2.50	2.23	37.97
Av. 4 yrs.	3.40	2.38	3.82	3 84	2.58	4.67	4.07	2.95	3.21	3.09	2.86	3.01	39.88

RAINFALL AT PELHAM (PACKARDVILLE), MASS. Elevation, 830 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.27	6.17	2.51	....
1920	2.44	4.33	3.66	6.02	3.85	6.77	3.80	6.00	6.97	1.00	5.04	7.06	56.94
1921	2.55	3.00	4.10	9.70	5.23	3.76	5.16	3.45	2.28	2.22	6.97	2.77	51.19
1922	1.86	3.25	6.77	2.09	5.19	10.25	6.17	4.29	2.57	3.53	1.66	3.97	51.60
1923	6.80	2.24	3.17	4.25	2.55	3.44	2.05	3.29	2.35	5.97	6.36	5.04	47.51
1924	4.88	2.36	1.34	5.94	3.38	1.80	2.09	3.01	4.40	0.15	3.32	2.30	34.97
1925	2.76	3.78	4.82	3.05	2.73	3.65	7.03	1.96	3.30	4.77	3.54	2.87	44.26
Av. 6 yrs.	3.55	3.16	3.98	5.18	3.82	4.94	4.38	3.67	3.65	2.94	4.48	4.00	47.75

RAINFALL AT PELHAM, MASS. Elevation, 550 feet.
(Pelham Hollow.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.62	6.80	2.24	....
1920	2.18	4.37	3.23	6.58	3.44	6.97	4.47	5.67	7.15	1.16	4.79	6.69	56.70
1921	2.01	2.81	3.47	9.85	3.50	4.22	8.59	3.57	2.81	2.36	5.66	2.76	51.61
1922	1.52	2.63	6.07	1.47	5.22	12.36	4.66	3.77	2.56	3.81	1.91	3.32	49.30
1923	6.43	1.98	2.37	5.20	...	...	...	...	...	...	...	...	....
Av. 3 yrs.	1.90	3.27	4.26	5.97	4.05	7.85	5.91	4.34	4.17	2.44	4.12	4.26	52.54

RAINFALL AT PEMBROKE, MASS. Elevation, 65 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.65	2.33	3.72	6.82	3.43	4.98	10.33	2.32	1.28	1.12	7.79	2.51	49.28
1922	2.35	3.51	5.18	1.63	4.74	5.17	4.80	10.95	2.60	2.96	1.46	4.49	49.84
1923	6.56	1.65	3.53	5.47	1.30	2.38	3.67	2.30	1.36	4.35	2.10	5.24	39.91
1924	2.71	1.57	3.72	5.40	2.50	1.86	1.17	7.33	3.26	0.15	1.61	2.18	33.46
1925	3.57	1.87	4.01	2.52	3.12	2.15	4.98	1.49	3.40	4.49	3.91	5.66	41.17
Av. 10 yrs.	3.35	2.78	4.01	4.27	3.40	4.10	4.82	4.34	3.35	2.65	3.15	3.48	43.70

RAINFALL AT PERU, MASS. Elevation 1 700 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.94	2.63	5.79	4.79	1.79	3.04	5.57	3.91	3.47	1.98	6.71	2.01	43.63
1922	2.08	2.46	7.23	2.99	4.03	8.34	3.62	4.83	2.57	2.07	1.84	2.84	44.81
1923	5.96	2.05	2.21	3.25	2.69	3.78	3.71	3.04	4.10	6.45	4.36	4.01	45.61
1924	3.42	2.31	1.04	8.33	3.79	2.50	5.88	3.76	7.91	0.05	3.90	2.53	45.42
1925	2.85	3.38	4.16	3.38	2.83	5.14	7.98	2.16	3.22	3.39	4.85	2.48	45.82
Av. 13 yrs.	3.19	3.38	3.90	3.99	3.35	3.75	4.82	3.87	4.14	2.99	3.92	3.20	44.41

RAINFALL AT PETERSHAM, MASS. Elevation, 1 100 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.05	3.93	2.44	5.32	2.13	2.62	5.73	4.00	3.09	2.28	5.38	2.87	42.89
1922	2.03	2.84	3.55	1.93	2.86	11.17	4.71	4.94	4.40	3.28	1.78	2.56	46.05
1923	6.47	1.81	2.71	4.00	1.69	2.38	2.34	3.25	1.36	5.20	5.09	4.88	41.18
1924	4.57	2.05	1.65	5.88	3.32	1.71	2.50	3.32	5.35	0.00	3.60	1.84	35.79
1925	2.69	2.57	4.79	3.20	2.49	4.25	6.14	2.70	4.62	4.19	3.59	2.84	44.07
Av. 10 yrs.	3.25	3.27	3.17	3.54	3.12	4.33	4.08	4.10	4.46	2.82	3.88	3.19	43.21

RAINFALL AT PHILLIPSTON, MASS. Elevation, 1 190 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.99	2.44	3.78	7.02	3.36	3.67	6.75	3.18	1.23	1.79	6.35	2.29	43.85
1922	1.78	2.29	5.21	1.65	4.97	12.74	5.31	4.14	2.92	3.31	1.51	3.55	49.38
1923	4.55	2.16	2.27	4.37	1.54	2.05	2.44	2.29	1.29	4.82	5.30	4.28	37.36
1924	3.86	1.92	0.81	4.97	3.58	2.42	2.34	2.87	5.23	0.04	3.46	1.83	33.33
1925	2.20	2.25	4.92	3.15	3.05	4.51	7.23	2.36	3.61	4.05	3.72	2.59	43.64
Av. 5 yrs.	2.88	2.21	3.40	4.23	3.30	5.08	4.81	2.97	2.85	2.80	4.07	2.91	41.51

RAINFALL AT PITTSFIELD, MASS. Elevation 1 050 feet.
(City Hall.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.91	1.91	4.25	5.70	1.65	2.00	4.25	3.51	3.68	2.89	6.66	2.15	40.56
1922	2.10	2.29	5.28	3.57	3.87	9.38	4.81	6.32	2.56	2.23	1.96	2.19	46.56
1923	6.25	2.01	1.50	2.65	2.17	3.92	3.59	2.84	3.93	5.21	3.78	3.95	41.80
1924	2.87	1.87	1.10	5.43	3.53	1.53	2.70	5.81	7.00	0.06	2.57	2.52	36.99
1925	2.36	3.33	3.34	2.94	3.15	4.94	5.70	2.30	2.45	3.61	4.50	1.80	40.42
Av. 31 yrs.	2.94	2.88	3.64	3.15	3.09	3.82	4.29	4.18	3.83	3.21	3.05	3.29	41.37

RAINFALL AT PLAINFIELD, MASS. Elevation, 1 650 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	3.20	5.46	1.61	....
1920	1.94	4.46	4.62	6.24	2.03	7.11	3.71	3.49	7.96	1.54	7.18	5.82	56.10
1921	1.74	2.38	5.48	5.75	4.51	3.37	4.01	3.12	3.12	2.27	7.22	1.84	44.81
1922	2.11	2.44	6.55	2.75	6.44	9.76	2.83	5.37	2.47	2.83	1.74	2.98	48.27
1923	5.18	2.37	1.80	3.36	3.28	3.70	3.30	3.24	4.58	7.19	3.97	4.06	46.03
1924	3.07	2.20	1.05	5.01	4.74	1.77	4.36	3.60	9.06	0.04	3.10	1.49	39.49
1925	2.43	3.86	4.18	3.10	2.99	4.52	11.15	2.38	3.95	3.91	5.01	2.47	49.95
Av. 6 yrs.	2.75	2.95	3.95	4.37	4.00	5.04	4.89	3.53	5.19	2.96	4.70	3.11	47.44

RAINFALL AT PLYMOUTH, MASS. Elevation, 70 feet.
(Plymouth Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.90	3.47	3.79	5.96	5.23	2.41	8.84	2.55	1.11	1.56	9.10	2.80	49.72
1922	2.72	4.45	6.30	2.36	3.88	4.34	4.17	9.20	1.61	2.70	1.13	4.85	47.71
1923	7.11	2.52	5.30	5.75	0.88	2.19	2.30	2.45	1.62	5.20	1.73	5.34	42.39
1924	3.69	2.69	3.94	6.03	2.94	2.75	1.28	7.12	2.76	0.16	2.02	1.82	37.20
1925	4.10	1.46	2.95	2.33	3.22	2.48	4.23	2.24	4.06	4.56	3.55	5.83	41.01
Av. 39 yrs.	4.35	4.06	4.57	4.32	3.42	3.03	3.41	3.70	3.28	3.97	4.01	4.12	46.24

RAINFALL AT PRESCOTT, MASS. Elevation, 1 000 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.55	2.07	4.66	9.22	3.27	3.88	6.42	3.16	2.81	2.01	6.05	2.78	48.88
1922	1.22	3.30	6.84	2.21	5.05	12.12	4.50	4.92	2.79	3.55	1.79	3.56	51.85
1923	6.56	2.06	2.63	5.79	2.18	5.57	2.17	4.57	2.87	5.51	6.12	4.53	50.56
1924	4.01	1.44	1.08	5.01	3.58	1.60	2.88	2.15	5.02	0.00	2.34	2.21	31.32
1925	2.73	3.62	4.69	3.31	2.53	4.06	5.55	1.57	3.22	4.66	3.18	2.83	41.95
Av. 10 yrs.	2.95	2.84	3.67	4.12	3.33	5.10	3.99	3.60	4.30	2.77	3.79	3.11	43.57

RAINFALL AT PRINCETON, MASS. Elevation, 1 125 feet.
(Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.84	4.17	2.58	7.17	2.92	4.70	6.26	2.05	3.21	2.32	6.27	2.82	47.31
1922	2.74	3.73	5.63	2.42	4.74	8.81	5.18	5.15	3.07	2 45	1.67	4.13	49.72
1923	7.46	2.42	3.38	5.24	1.51	3.16	3.90	1.75	1.25	5.06	5.56	4.62	45.31
1924	4.12	3.34	2.12	6.21	3.45	1.04	2.54	5.10	4.76	0.14	3.37	2.11	38.30
1925	3.84	2.37	5.40	2.80	2.65	4.21	3.85	2.76	4.25	4.17	3.70	3.79	43.79
Av. 36 yrs.	3.94	3.51	3.92	3.66	3.43	3.55	4.35	4.27	3.66	3.53	3.70	3.72	45.24

RAINFALL AT PRINCETON, MASS. Elevation, 2 000 feet.
(Wachusett Mt. Summit.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1913	...	...	...	...	3.93	0.47	1.28	4.56	4.39	6.84	...	...	....
1914	...	...	...	...	...	1.74	3.73	4.67	0.11	1.57	...	...	....
1915	...	...	...	1.56	1.63	2.78	10.50	7.93	1.68	3.18	...	...	....
1916	...	...	...	...	4.27	7.55	5.02	2.24	3.77	1.40	...	...	....
1917	...	...	...	...	3.07	5.60	1.08	4.13	1.10	6.77	...	...	....
1918	...	...	...	...	3.30	5.15	3.43	2.83	7.38	1.58	2.68	...	....
1919	...	...	...	...	7.24	1.46	4.80	4.70	7.47	2.82	...	...	....
1920	...	...	...	...	...	5.61	4.79	2.58	6.87	1.05	...	...	....
1921	...	...	...	...	9.16	2.59	2.83	9.89	2.09	3.15	2.18	...	....
1922	...	...	...	...	6.44	10.61	4.05	5.28	3.85	2.47	...	...	....
1923	...	...	...	...	...	...	2.76	1.99	1.66	5.86	...	...	....
1924	...	...	...	...	3.92	1.38	3.52	4.71	4.77	0.09	...	...	....
1925	...	...	...	2.39	2.53	4.30	4.90	2.55	4.42	4.22	...	...	....

RAINFALL AT PROVINCETOWN, MASS. Elevation, 40 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.05	2.75	2.15	3.75	5.25	1.86	4.75	3.04	0.65	1.70	6.13	2.50	36.58
1922	1.55	2.85	3.15	3.80	4.85	4.33	2.65	7.13	1.81	1.93	0.98	4.05	39.08
1923	6.00	2.20	3.70	5.40	1.10	3.95	2.90	2.10	0.75	2.70	1.80	6.00	38.60
1924	2.75	2.20	2.80	5.50	3.66	2.10	1.00	6.82	2.55	0.30	1.50	1.70	32.88
1925	3.30	1.40	3.73	1.95	2.85	2.85	1.80	2.25	1.91	3.73	3.05	4.93	33.75
Av. 32 yrs.	3.88	3.27	3.47	3.42	3.17	2.58	2.69	3.17	2.65	3.34	3.02	3.68	38.34

RAINFALL AT QUINCY, MASS. Elevation, 20 feet.
(Wollaston.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.30	3.41	2.53	6.08	2.44	5.30	9.78	1.61	2.22	0.90	6.90	2.13	45.60
1922	1.86	3.15	5.52	1.59	5.29	9.57	3.51	6.01	4.18	2.39	1.12	4.08	48.27
1923	7.00	2.36	3.31	5.57	1.06	2.40	4.12	1.31	0.76	4.30	2.83	5.18	40.30
1924	3.55	3.03	3.04	4.64	3.20	1.44	2.22	6.64	6.15	0.13	1.97	1.52	37.53
1925	4.49	1.94	5.13	2.58	2.41	3.17	4.57	0.78	3.07	4.46	3.74	5.62	41.96
Av. 13 yrs.	3.50	3.28	3.67	4.08	3.10	3.66	4.32	3.86	3.23	2.69	3.05	3.40	41.84

RAINFALL AT READING, MASS. Elevation, 80 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.09	3.43	2.16	5.48	1.86	3.97	9.79	1.96	1.74	1.53	6.43	2.28	42.72
1922	1.77	2.72	4.27	1.37	5.08	11.27	4.88	3.29	3.68	2.73	1.06	3.13	45.25
1923	6.95	1.67	2.60	5.09	1.56	2.89	1.97	3.17	0.82	3.73	4.13	4.83	39.41
1924	3.77	2.55	1.71	5.25	3.10	2.53	2.70	4.80	7.95	0.05	2.56	1.52	38.49
1925	4.29	2.14	7.66	2.95	2.05	5.62	3.13	2.37	2.16	4.66	3.94	5.53	46.50
Av. 27 yrs.	3.45	3.40	3.82	4.12	3.02	3.58	3.67	3.19	3.62	2.65	3.24	3.45	41.21

RAINFALL AT ROCHESTER, MASS. Elevation, 60 feet.
(Little Quittacas Pond, New Bedford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.27	0.62	3.87	4.72	4.58	3.53	9.23	2.39	1.85	1.49	7.73	2.83	46.11
1922	2.12	3.52	6.45	1.96	4.31	6.24	4.56	11.40	1.59	3.32	1.13	3.47	50.07
1923	6.39	1.74	5.01	6.15	1.33	3.67	2.66	2.32	1.96	3.94	1.98	4.70	41.85
1924	4.70	3.25	2.81	6.70	2.41	2.64	1.21	8.89	3.41	0.16	1.75	2.47	40.40
1925	3.73	2.26	3.98	2.41	3.34	3.24	3.90	1.44	4.39	4.50	4.52	3.96	41.67
Av. 27 yrs.	3.97	3.75	4.48	4.19	3.41	3.43	3.52	3.66	3.15	3.40	3.23	4.02	44.21

RAINFALL AT ROCKPORT, MASS. Elevation, 30 feet.
(U. S. Coast Guard Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.16	2.27	2.43	5.34	2.68	2.78	11.06	2.13	2.60	1.24	7.77	1.82	44.28
1922	**2.53**	**3.70**	3.09	1.97	5.59	10.10	5.87	4.51	1.88	3.02	0.73	**3.97**	46.96
1923	**7.74**	**3.99**	**6.57**	4.70	1.30	1.97	2.97	1.70	0.80	4.14	2.03	5.09	43.00
1924	3.28	2.43	2.35	3.99	3.27	2.58	3.96	7.53	3.96	0.04	2.48	1.60	37.47
1925	3.91	2.33	6.68	2.29	2.19	2.57	3.23	2.46	3.42	4.87	3.90	5.49	43.34
Av. 23 yrs.	3.57	2.95	3.49	3.79	2.74	3.54	3.78	2.86	3.41	2.59	3.22	3.64	39.58

RAINFALL AT RUTLAND, MASS. Elevation, 850 feet.
(Prison Camp and Hospital.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1923	...	...	...	...	...	...	...	...	...	...	**4.95**	3.73	....
1924	3.23	1.80	2.92	4.43	2.78	0.90	2.67	5.71	4.91	0.02	3.05	1.90	34.32
1925	2.43	1.99	4.71	2.62	1.21	4.63	4.60	1.70	5.13	4.06	3.41	2.48	38.97
Av. 2 yrs.	2.83	1.89	3.82	3.52	2.00	2.76	3.64	3.71	5.02	2.04	3.23	2.19	36.65

RAINFALL AT SALEM, MASS. Elevation, 20 feet.
(Sewage Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.59	2.08	3.04	5.65	2.48	3.79	10.10	1.39	2.11	1.16	7.06	2.76	44.21
1922	1.72	2.61	5.02	1.68	6.70	10.23	5.84	4.92	3.55	2.71	1.18	3.37	49.53
1923	4.45	1.38	1.31	6.17	1.85	2.46	2.56	2.78	0.49	4.05	3.21	6.71	37.42
1924	3.45	2.08	1.43	3.91	4.27	3.28	1.47	6.72	6.76	0.09	3.02	1.84	38.32
1925	2.56	2.39	6.33	2.68	2.73	3.73	3.36	1.74	2.55	5.85	3.57	5.72	43.21
Av. 14 yrs.	2.79	2.63	2.99	3.97	3.33	3.55	3.68	3.41	3.15	2.61	3.10	3.22	38.43

RAINFALL AT SAVOY, MASS. Elevation, 2 000 feet.
(Hoosac Mountain.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.98	3.21	3.73	5.82	2.47	5.41	4.86	3.14	3.65	2.90	5.71	2.49	45.37
1922	2.52	3.21	5.74	3.03	5.96	10.51	3.34	6.13	1.79	2.21	2.05	3.58	50.07
1923	6.24	3.29	2.58	2.43	2.99	5.40	5.18	4.53	4.34	7.18	4.60	3.15	51.91
1924	5.41	2.57	1.39	3.98	5.22	1.61	2.20	3.82	5.27	0.00	3.45	2.74	37.66
1925	3.36	3.38	4.51	3.73	4.11	5.20	8.99	2.62	3.76	3.42	5.28	2.56	50.92
Av. 13 yrs.	3.59	3.75	3.74	3.31	4.07	4.49	5.01	4.28	4.21	3.38	3.65	3.39	46.87

RAINFALL AT SHARON, MASS. Elevation, 270 feet.
(Sharon Sanatorium.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.12	3.34	2.76	5.73	3.22	4.11	10.07	2.17	1.65	1.26	7.64	2.52	47.59
1922	1.89	2.43	5.40	1.58	4.71	7.45	2.92	**5.08**	**4.74**	2.60	1.16	3.80	43.76
1923	7.41	2.01	3.26	5.85	1.15	3.52	3.42	2.58	0.92	7.19	2.47	4.79	44.57
1924	2.64	**2.82**	**3.18**	4.84	3.45	1.91	2.15	6.79	8.80	0.16	1.72	1.67	40.13
1925	3.68	2.65	5.37	2.68	2.32	1.65	4.74	1.11	3.67	4.04	4.08	5.10	41.09
Av. 22 yrs.	3.95	3.50	3.66	3.89	3.17	3.28	3.83	3.55	3.38	2.84	3.30	3.64	41.99

RAINFALL AT SHELBURNE FALLS, MASS. Elevation, 300 feet.
(Power Construction Co.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.34	2.06	3.00	3.61	4.64	3.27	4.21	2.15	1.79	2.05	7.26	1.62	37.00
1922	0.92	2.58	4.64	3.15	4.95	8.16	2.56	6.01	2.21	2.08	1.50	2.35	41.11
1923	3.60	1.66	1.25	2.58	2.26	2.45	4.70	2.24	3.66	6.29	3.90	5.16	39.75
1924	3.40	2.32	0.87	6.35	4.23	1.06	2.52	4.11	5.86	1.80	3.42	2.12	38.06
1925	2.06	3.94	3.72	3.22	2.22	3.45	4.95	2.86	3.11	3.69	4.08	3.22	40.52
Av. 11 yrs.	2.34	2.89	2.70	3.42	3.94	3.52	3.81	3.85	4.10	3.34	3.79	3.21	40.91

RAINFALL AT SHUTESBURY, MASS. Elevation, 1 175 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.17	6.96	2.28	....
1920	1.99	7.47	3.35	6.51	3.10	5.46	2.27	6.00	6.97	1.48	4.65	11.00	60.25
1921	2.39	2.17	4.01	9.42	3.13	4.98	6.26	3.33	2.73	1.90	7.00	2.40	49.72
1922	1.46	3.67	6.59	2.12	6.10	11.90	5.61	5.79	2.13	2.82	1.98	3.76	53.93
1923	6.92	2.38	2.30	3.88	3.16	2.65	3.62	3.70	2.11	6.35	4.73	7.38	49.18
1924	6.50	2.48	1.36	7.00	3.42	1.74	2.38	3.00	6.06	0.06	2.79	2.53	39.32
1925	2.82	3.55	5.10	3.41	2.89	4.92	7.93	2.18	4.61	4.39	4.14	3.08	49.02
Av. 6 yrs.	3.68	3.62	3.79	5.39	3.63	5.27	4.68	4.00	4.10	2.83	4.22	5.03	50.24

RAINFALL AT SOUTHAMPTON, MASS. Elevation, 525 feet.
(Fomer Reservoir, Holyoke Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.59	4.06	3.81	5.08	3.34	5.14	7.10	2.95	2.13	1.52	6.29	2.23	46.24
1922	1.93	2.94	6.05	3.03	4.38	8.94	4.17	5.43	2.53	2.11	1.76	3.62	46.89
1923	5.89	1.55	2.11	4.55	3.98	3.11	2.41	2.20	3.00	7.69	4.21	5.44	46.14
1924	5.01	3.32	1.15	7.13	4.62	1.84	1.82	3.70	8.30	0.38	3.50	1.62	42.39
1925	3.67	4.11	4.92	3.69	2.86	4.75	7.57	2.74	2.57	4.56	4.43	3.44	49.31
Av. 29 yrs.	3.72	3.85	4.04	4.23	4.03	4.09	4.28	4.43	4.15	3.73	3.60	3.93	48.08

RAINFALL AT SOMERSET, MASS. Elevation, 40 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1884	...	...	...	...	...	...	...	4.03	1.94	2.10	3.40	5.67	....
1885	5.26	2.77	1.14	2.31	**3.55**	**3.31**	2.37	4.18	1.15	4.34	3.00	2.60	35.98
1886	5.09	8.70	4.09	2.08	4.19	1.29	2.04	3.53	2.00	3.82	4.49	5.54	46.86
1887	3.08	3.92	5.03	4.29	3.12	4.03	4.15	4.61	1.46	2.64	2.37	3.93	42.63
1888	3.38	2.87	6.49	2.17	5.15	1.66	3.80	5.35	7.27	3.09	8.15	4.13	53.51
1889	6.20	2.12	2.74	4.84	5.79	3.13	6.38	6.19	3.74	4.40	8.91	2.37	56.81
1890	2.24	2.93	9.61	3.83	5.81	4.58	3.26	3.45	5.19	9.61	1.04	4.17	55.72
1891	8.94	7.09	5.53	4.01	2.09	1.76	4.24	2.12	2.66	4.37	2.95	3.15	48.91
1892	4.98	1.71	4.59	1.69	4.95	2.29	2.51	2.92	3.10	1.76	5.49	1.39	37.38
1893	3.29	7.17	4.78	4.20	4.83	3.34	1.47	6.23	3.00	2.70	2.53	4.99	48.53
1894	2.88	3.98	1.29	3.23	3.97	1.63	1.68	1.81	4.12	8.21	4.70	5.08	42.58
1895	3.93	1.16	3.38	5.37	4.07	2.01	3.41	4.13	1.55	6.51	4.42	3.20	43.14
1896	2.27	6.07	5.22	1.29	2.79	5.32	2.74	2.60	7.74	2.92	3.21	3.08	45.25
1897	3.88	1.72	2.83	4.65	4.71	3.01	4.65	6.12	2.45	1.34	8.82	4.63	48.81
1898	3.38	6.11	3.35	5.68	4.77	1.04	5.78	5.60	2.73	9.29	7.62	1.99	57.34
1899	5.41	5.32	7.84	1.89	2.34	3.05	3.05	1.41	6.76	3.08	1.01	0.88	42.04
1900	4.45	6.25	5.97	1.79	5.55	1.92	2.60	3.08	4.37	4.54	4.38	2.40	47.30
1901	2.03	1.22	7.58	8.79	7.54	1.71	5.02	2.97	3.58	3.12	2.50	8.60	54.66
1902	3.40	6.03	6.44	3.55	1.04	4.55	2.19	1.28	3.58	3.88	1.88	5.83	43.65
1903	5.85	6.25	9.27	6.72	0.68	5.35	3.28	4.01	0.87	4.04	2.39	5.18	53.89
1904	4.68	3.50	3.58	10.25	2.75	4.17	1.80	3.82	3.62	1.40	2.56	4.40	46.53
1905	4.17	1.49	2.91	2.63	1.80	7.71	4.04	4.08	5.31	2.17	2.70	4.14	43.15
1906	3.10	2.79	6.02	2.61	3.93	3.79	3.39	2.89	3.08	3.64	2.79	5.47	43.50
1907	4.23	3.81	1.33	3.83	3.88	1.95	1.17	1.14	**7.89**	2.80	**5.98**	4.78	42.79
1908	3.95	4.29	5.95	2.23	3.16	2.13	3.48	5.22	0.90	5.28	1.31	3.65	41.55
1909	4.81	5.73	3.85	5.80	2.87	1.08	0.54	2.29	3.48	1.84	3.65	2.53	38.47
1910	5.62	4.42	2.64	1.32	2.94	3.80	3.05	2.80	2.29	2.24	4.27	2.85	38.24
1911	2.84	1.91	2.70	3.97	1.68	1.67	4.96	3.87	2.44	2.91	6.24	2.94	38.13
1912	3.46	2.54	6.07	3.91	4.09	0.23	0.86	3.61	1.76	0.85	3.57	5.52	36.47
1913	3.92	3.32	3.58	5.61	1.89	1.28	2.85	2.65	2.80	9.20	1.99	3.45	42.54
1914	2.65	2.43	3.73	3.36	2.28	0.96	3.90	2.86	1.57	2.94	2.37	4.15	33.20
1915	8.16	3.96	0.03	1.61	2.02	2.49	2.78	4.76	1.51	2.88	3.16	4.09	37.45
1916	1.41	4.39	2.92	4.00	3.74	4.29	10.66	1.31	1.12	2.29	2.79	3.14	42.06
1917	2.87	2.55	3.87	3.04	5.20	4.33	1.12	3.95	2.95	5.95	0.24	1.80	37.87
1918	3.33	2.88	2.52	4.09	1.72	2.40	3.16	2.08	3.81	0.90	2.02	2.74	31.65
1919	4.76	3.87	4.22	3.04	4.30	1.84	5.47	6.74	7.10	2.82	4.07	2.54	50.77
1920	3.39	4.56	4.07	4.57	4.84	7.79	2.19	2.66	4.04	1.98	4.17	3.25	47.51
1921	2.43	2.25	2.92	5.47	3.20	3.14	6.73	2.60	0.95	1.47	8.26	2.69	42.11
1922	2.31	3.08	5.14	2.14	4.40	5.73	5.40	12.16	1.81	3.90	1.29	**4.14**	51.50
Av. 38 yrs.	4.00	3.87	4.35	3.84	3.62	3.05	3.48	3.77	3.31	3.71	3.77	3.72	44.49

RAINFALL AT SOUTHBOROUGH, MASS. Elevation, 260 feet.
(Sudbury Dam No. 5, Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.64	4.16	2.67	5.22	3.28	4.23	6.02	1.00	1.85	1.14	8.06	2.49	42.76
1922	2.06	3.26	5.22	1.65	5.60	9.76	3.33	4.62	3.86	2.30	1.28	3.40	46.34
1923	7.64	2.50	3.11	5.79	1.00	4.15	2.58	1.95	1.44	5.85	5.74	4.83	46.58
1924	3.52	2.31	2.53	5.73	3.19	1.24	3.05	4.45	5.38	0.10	2.45	1.61	35.56
1925	4.39	2.24	5.70	3.08	2.30	4.66	4.30	1.21	2.82	4.43	3.00	5.96	44.09
Av. 27 yrs.	3.65	3.78	4.14	3.87	3.13	3.65	3.57	3.11	3.38	2.76	3.25	3.73	42.02

RAINFALL AT SOUTHBOROUGH, MASS. Elevation, 250 feet.
(Cordaville, Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.78	4.02	2.89	5.32	3.27	3.72	8.56	1.29	1.74	1.23	8.37	2.71	45.90
1922	2.02	3.22	5.65	1.75	5.54	8.98	3.36	5.31	4.13	2.51	1.51	3.45	47.43
1923	7.67	2.32	3.14	5.14	1.10	4.22	2.99	2.39	1.59	6.01	6.49	5.20	48.26
1924	3.81	2.81	2.58	5.91	3.49	1.64	4.04	4.91	6.07	0.14	2.75	1.85	40.00
1925	4.41	2.43	6.09	3.07	2.72	5.29	5.84	1.21	3.15	4.58	3.28	5.74	47.81
Av. 32 yrs.	4.00	3.98	4.32	4.12	3.38	3.78	3.88	3.60	3.85	3.37	3.94	4.03	46.25

RAINFALL AT SOUTHBRIDGE, MASS. Elevation, 720 feet.
(Hatchet Brook, Southbridge Water Supply Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.62	2.23	3.88	4.41	5.45	2.45	6.33	2.11	1.99	2.08	6.39	2.87	42.81
1922	1.51	2.70	6.74	2.28	4.38	6.37	6.06	6.87	4.65	2.88	1.40	3.35	49.19
1923	6.99	2.64	3.06	4.59	1.48	4.15	1.43	2.10	2.39	5.25	5.39	5.18	44.65
1924	4.46	2.53	3.15	6.89	2.52	1.80	4.20	4.36	4.48	0.17	1.94	1.92	38.42
1925	2.55	2.47	4.94	2.55	2.50	3.93	6.15	2.17	2.84	4.44	3.26	2.80	40.60
Av. 14 yrs.	3.31	3.34	3.84	4.17	4.03	3.56	3.99	3.81	3.82	3.05	3.45	3.37	43.74

RAINFALL AT SPRINGFIELD, MASS. Elevation, 200 feet.
(U. S. Arsenal.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.56	2.80	3.04	2.68	1.95	2.90	7.69	3.72	2.06	1.62	7.04	1.68	40.74
1922	1.56	1.60	5.93	1.22	1.93	6.69	6.97	3.47	1.96	3.45	1.48	1.67	37.93
1923	7.15	1.28	1.87	3.46	2.60	3.71	1.84	1.48	1.86	6.80	3.78	3.77	39.60
1924	3.21	2.58	0.80	5.21	2.23	1.83	3.47	3.61	3.80	0.11	2.37	1.90	31.12
1925	3.97	2.92	5.31	2.63	2.06	2.85	4.05	1.34	3.01	4.54	2.36	2.61	37.65
Av. 78 yrs.	3.34	3.48	3.63	3.20	3.74	3.61	4.30	4.24	3.50	3.86	3.53	3.36	43.79

RAINFALL AT STERLING, MASS. Elevation, 500 feet.
(Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.67	3.93	2.68	6.55	2.64	3.34	6.15	1.43	2.15	1.75	7.32	2.50	43.11
1922	2.32	3.38	6.53	1.94	4.98	9.69	4.91	4.80	3.39	2.23	1.71	3.85	49.73
1923	7.55	2.37	3.16	5.47	1.44	3.31	4.11	1.67	1.03	5.00	6.09	5.84	47.04
1924	3.92	3.49	2.15	6.95	3.55	1.10	2.55	4.37	4.01	0.09	2.98	2.06	37.22
1925	3.70	2.22	6.03	3.10	1.81	4.06	3.33	1.40	3.74	4.25	3.26	4.58	41.48
Av. 29 yrs.	3.48	3.70	3.98	3.81	3.24	3.79	3.91	3.65	3.50	3.08	3.50	3.95	43.59

RAINFALL AT STOCKBRIDGE, MASS. Elevation, 875 feet.
(Stockbridge Water Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.78	6.51	1.80	....
1920	1.99	5.10	4.08	6.26	1.59	5.61	3.55	3.64	7.81	1.94	3.60	2.79	47.96
1921	1.87	2.29	5.57	4.18	1.48	3.01	4.84	4.09	3.06	2.30	6.04	1.48	40.21
1922	1.41	2.03	5.67	2.19	5.01	6.67	4.22	5.06	2.11	2.40	1.58	1.44	39.79
1923	3.77	1.30	1.76	2.80	3.35	4.40	5.06	4.13	3.67	5.69	4.34	3.13	43.40
1924	3.43	1.75	1.43	6.09	3.28	2.14	3.88	3.84	8.84	0.10	3.08	1.91	39.77
1925	2.38	3.49	5.05	3.69	4.02	5.59	4.90	2.13	2.79	3.88	4.61	1.43	43.96
Av. 6 yrs.	2.47	2.66	3.93	4.20	3.12	4.57	4.41	3.82	4.71	2.72	3.88	2.03	42.52

RAINFALL AT STONEHAM, MASS. Elevation, 160 feet.
(Spot Pond, Metropolitan Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.47	3.96	2.87	5.36	2.11	4.14	9.07	1.27	2.70	2.15	6.86	2.72	45.68
1922	1.65	3.32	5.47	1.61	5.44	11.33	3.69	3.97	3.24	2.81	1.22	4.21	47.96
1923	8.43	2.71	3.83	5.31	1.17	2.33	2.53	2.82	0.66	3.64	3.61	5.48	42.52
1924	3.98	2.36	2.47	4.55	3.52	2.81	1.99	6.71	9.87	0.06	2.36	1.72	42.40
1925	5.12	2.26	6.62	2.94	2.54	4.44	4.03	1.09	2.67	4.56	3.84	6.26	46.37
Av. 27 yrs.	3.77	3.80	4.17	4.05	3.13	3.89	3.45	3.37	3.71	2.73	3.14	3.76	42.97

RAINFALL, SUDBURY RIVER WATERSHED, MASS.
(Metropolitan Water Supply.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.78	4.10	2.72	5.30	3.23	3.82	6.86	1.20	1.88	1.12	7.95	2.54	43.50
1922	1.89	3.25	5.35	1.63	5.39	8.90	3.21	4.85	4.09	2.28	1.34	3.42	45.60
1923	7.64	2.31	3.25	5.35	1.01	4.12	2.94	2.17	1.54	5.71	5.83	4.96	46.83
1924	3.60	2.56	2.66	5.49	3.22	1.49	3.19	4.73	5.67	0.11	2.51	1.73	36.96
1925	4.47	2.20	5.69	2.95	2.45	4.75	5.35	1.25	3.19	4.41	3.17	5.76	45.64
Av. 51 yrs.	4.02	4.03	4.29	3.64	3.28	3.30	3.71	3.72	3.40	3.58	3.78	3.78	44.53

RAINFALL AT TAUNTON, MASS. Elevation, 50 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.10	1.07	2.90	6.21	2.68	4.71	8.81	2.16	1.55	0.90	6.99	2.38	43.46
1922	2.04	3.31	4.92	2.77	4.38	6.51	6.66	10.74	2.40	3.82	1.32	3.35	52.22
1923	6.40	1.57	4.20	5.90	1.11	3.73	4.25	2.78	2.29	4.64	2.40	5.99	45.26
1924	3.87	3.12	2.16	5.36	3.42	2.00	1.46	6.20	4.93	0.19	1.48	2.10	36.29
1925	3.26	1.59	3.89	2.41	2.50	2.69	5.50	2.91	4.92	4.66	4.16	3.87	42.36
Av. 51 yrs	4.74	4.24	4.35	4.10	3.51	3.05	3.89	3.92	3.58	3.79	4.05	4.09	47.31

RAINFALL AT TEMPLETON (BALDWINSVILLE), MASS. Elevation, 930 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1907	2.10	2.10	2.20	2.80	4.10	2.80	6.10	1.50	9.20	5.00	4.80	3.40	46.10
1908	2.30	3.30	2.10	2.00	3.90	1.80	2.60	7.90	1.20	1.30	0.90	2.30	31.60
1909	3.90	4.80	2.80	4.60	1.70	1.10	1.60	2.50	3.60	0.70	1.70	3.30	32.30
1910	5.20	3.70	0.80	3.00	1.80	2.10	2.20	3.30	2.20	1.10	3.50	1.90	30.80
1911	2.40	1.90	4.30	2.00	1.40	1.20	3.20	5.80	1.70	5.08	3.00	3.00	34.98
1912	2.43	1.90	5.52	4.47	4.92	0.99	2.30	2.31	2.96	3.40	4.24	4.30	39.74
1913	2.91	3.20	7.00	2.81	3.17	0.50	1.69	3.12	3.15	4.43	3.75	3.80	39.53
1914	1.70	2.70	6.32	4.60	2.45	1.82	2.10	4.17	0.25	1.80	3.38	3.10	34.39
1915	4.85	3.80	0.08	3.10	1.07	1.42	8.12	4.56	1.00	2.70	2.02	5.55	38.27
1916*	1.37	5.74	3.27	3.35	4.40	5.80	4.65	...	...	...	...	...	....
1919	2.75	2.30	6.25	2.93	6.55	1.25	6.90	4.10	6.60	3.40	7.50	1.60	52.13
1920	2.80	5.28	4.70	7.35	3.65	5.55	3.00	5.23	7.30	1.20	5.62	8.32	60.00
1921	2.67	3.70	4.10	6.77	3.40	3.37	7.20	3.05	2.35	1.90	7.62	3.20	49.33
1922	2.24	3.69	7.30	2.64	5.40	13.44	5.88	3.95	3.50	3.30	1.55	4.88	57.77
1923	7.21	2.60	3.26	5.56	1.69	1.76	2.60	2.00	1.57	4.82	6.39	4.13	43.59
1924	3.95	2.71	1.71	5.52	3.71	2.50	3.13	2.98	4.67	0.02	3.84	1.83	36.57
1925	2.96	3.07	5.01	3.39	2.56	5.79	5.71	2.73	2.98	4.26	4.47	3.30	46.23
Av. 16 yrs.	3.27	3.17	3.96	3.97	3.22	2.96	4.02	3.70	3.39	2.78	4.02	3.62	42.08

*Not in average.

RAINFALL AT WALPOLE (EAST), MASS. Elevation, 90 feet.
(F. W. Bird & Son.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1902	1.12	6.00	3.50	2.75	0.25	2.63	1.12	2.81	1.12	6.75	1.00	4.31	33.36
1903	2.37	1.63	6.56	3.50	0.69	6.12	2.37	3.75	0.88	5.63	0.88	1.63	36.01
1904	4.75	2.19	2.00	6.50	1.75	5.00	1.12	1.84	4.94	2.12	1.75	2.12	36.08
1905	3.00	2.06	2.56	3.31	0.63	4.43	0.37	1.63	6.00	0.12	1.06	4.06	29.23
1906	2.75	3.00	5.06	2.44	5.56	1.56	6.00	2.06	3.63	2.88	2.55	3.96	41.45
1907	2.54	1.88	1.66	3.31	3.12	2.56	1.09	1.10	7.43	2.54	6.02	4.31	37.56
1908	**3.66**	**4.62**	**3.52**	**1.66**	**4.74**	**1.29**	**4.23**	2.20	1.57	4.40	0.96	2.42	35.27
1909	3.72	5.61	5.16	6.07	2.74	2.12	1.12	2.19	5.06	1.47	4.15	4.80	44.21
1910	5.77	5.33	2.59	2.88	1.73	3.01	2.67	1.72	2.49	1.60	5.09	1.94	36.82
1911	3.01	3.04	3.16	2.84	0.81	4.04	4.40	6.61	2.69	2.88	5.27	3.03	41.78
1912	2.41	2.66	5.41	3.95	4.18	1.38	3.81	3.24	1.16	2.07	3.47	5.35	39.09
1913	2.92	2.36	4.89	5.05	2.61	0.58	2.68	4.15	3.00	8.24	1.86	3.74	42.08
1914	3.95	1.98	3.92	4.53	2.88	1.46	3.46	3.99	0.23	2.06	2.69	3.44	34.59
1915	7.77	4.07	0.00	1.21	1.50	1.89	10.23	5.76	0.53	2.64	2.68	5.24	43.52
1916	5.24	3.43	2.93	4.29	4.59	3.82	5.72	1.77	1.27	2.37	1.12	4.20	40.75
1917	1.95	2.07	2.65	2.70	3.00	4.09	0.98	10.12	3.06	5.98	0.50	2.63	39.73
1918	4.06	2.11	2.07	3.78	4.99	3.11	4.58	1.97	7.55	0.41	1.99	2.82	39.44
1919	2.98	2.52	5.30	2.40	5.39	1.28	7.21	4.46	6.58	2.49	2.18	3.58	46.37
1920	1.70	3.79	3.93	6.21	4.31	6.24	3.30	2.67	2.35	2.70	5.64	5.44	48.28
1921	2.20	3.58	2.46	4.62	5.43	3.85	12.00	2.04	1.75	1.20	**7.38**	2.25	48.76
1922	1.89	2.73	4.93	1.45	5.21	8.78	3.92	5.97	4.34	2.37	1.08	3.34	46.01
1923	5.01	1.95	2.19	4.78	0.43	2.97	4.15	1.48	0.91	4.47	2.90	5.32	36.56
1924	3.43	2.71	2.63	6.36	2.53	1.63	1.97	5.88	8.17	0.14	2.01	1.56	39.02
1925	3.93	1.87	5.56	2.70	2.31	1.94	4.40	0.91	4.83	4.10	3.89	5.05	41.49
Av. 24 yrs.	3.42	3.05	3.53	3.72	2.97	3.16	3.87	3.35	3.40	2.98	2.84	3.60	39.89

RAINFALL AT WALPOLE, MASS. Elevation, 175 feet.
(Standard Woven Fabric Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.95	3.20	2.79	5.70	2.89	4.23	10.00	1.55	1.57	1.13	7.71	2.54	46.26
1922	1.92	2.95	5.48	1.23	4.67	8.65	4.57	6.30	4.32	2.72	2.74	3.46	49.01
1923	8.44	1.28	3.48	5.73	1.27	3.31	3.70	1.94	1.01	5.13	4.03	3.87	43.19
1924	3.61	3.20	3.66	5.06	3.25	1.80	2.03	6.02	8.31	0.17	1.99	**1.56**	40.66
1925	3.97	1.90	5.48	2.62	2.46	1.77	4.11	0.77	4.70	4.04	3.83	2.83	38.48
Av. 14 yrs.	3.66	3.09	3.67	3.96	3.16	3.16	4.59	3.58	3.31	2.73	3.19	3.06	41.16

RAINFALL AT WALTHAM, MASS. Elevation, 30 feet.
(Boston Manufacturing Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.54	2.43	2.96	2.60	5.35	3.80	7.86	1.04	1.73	1.05	7.10	1.74	39.20
1922	1.13	2.92	3.19	3.15	4.98	10.60	3.24	5.13	4.49	2.96	1.16	3.02	45.97
1923	6.24	1.71	2.66	5.18	0.94	2.98	3.88	1.61	0.86	3.78	5.00	4.64	39.48
1924	3.08	2.68	2.11	4.77	2.87	1.51	3.18	5.24	6.29	0.00	1.35	1.63	34.71
1925	4.28	3.64	4.21	3.16	2.17	5.14	2.16	1.63	2.36	2.98	2.81	3.60	38.14
Av. 101 yrs.	3.33	2.91	3.60	3.76	3.50	3.26	3.68	4.11	3.46	3.57	3.86	3.25	42.29

RAINFALL AT WALTHAM, MASS. Elevation, 180 feet.
(Hobbs Brook Reservoir, Cambridge Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.55	4.67	2.15	6.04	2.54	3.83	10.92	1.48	2.25	1.05	6.88	2.31	46.67
1922	2.04	3.83	4.45	1.68	4.87	10.19	4.52	4.05	3.42	1.94	1.13	3.27	45.39
1923	7.96	2.41	3.10	5.28	1.21	2.67	3.08	1.54	1.33	4.51	4.86	5.33	43.28
1924	3.45	2.34	2.15	5.41	3.50	2.01	2.14	5.64	7.42	0.09	2.50	1.46	38.11
1925	3.97	2.11	5.34	2.71	2.08	4.69	4.59	1.42	3.12	4.43	3.56	6.07	44.09
Av. 31 yrs.	3.37	3.25	3.73	3.63	3.09	3.43	3.98	3.33	3.62	2.88	3.26	3.35	40.92

RAINFALL AT WALTHAM, MASS. Elevation, 20 feet.
(Water Works Pumping Station.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.54	2.41	2.71	4.83	4.01	3.91	8.34	1.01	1.61	1.02	7.85	2.27	42.51
1922	1.50	2.73	5.11	1.22	5.22	10.82	3.50	5.24	4.44	3.08	1.17	2.99	47.02
1923	6.84	1.63	2.59	5.31	0.91	2.50	3.83	1.73	0.87	4.46	5.04	5.19	40.90
1924	3.92	2.21	1.53	4.91	3.10	1.48	2.94	5.81	7.36	0.11	2.32	1.75	37.44
1925	3.85	2.20	5.23	2.47	1.91	4.48	3.95	1.22	2.82	3.47	3.85	5.94	41.39
Av. 46 yrs.	3.64	3.60	3.57	3.50	3.38	3.28	3.81	3.63	3.70	3.46	3.51	3.44	42.52

RAINFALL AT WARE (CENTER), MASS. Elevation, 520 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	2.37	6.57	2.03	....
1920	2.71	5.07	3.65	5.37	2.84	7.65	4.53	3.97	5.92	0.92	4.85	5.38	52.86
1921	2.53	2.52	1.64	6.35	2.95	4.22	6.28	2.14	2.06	1.89	6.80	2.58	41.96
1922	1.42	2.78	4.46	2.25	4.17	9.72	7.19	3.02	2.33	2.92	1.84	3.28	45.38
1923	5.91	1.98	1.79	5.04	1.85	5.36	2.18	5.42	1.86	4.94	4.74	5.14	46.21
1924	3.61	2.42	0.93	4.75	2.90	1.82	1.58	4.52	4.61	0.15	2.94	2.05	32.28
1925	2.61	2.72	4.88	2.78	2.43	4.86	4.95	1.80	3.24	3.88	2.68	2.22	39.05
Av. 6 yrs.	3.13	2.92	2.89	4.42	2.86	5.61	4.45	3.48	3.34	2.45	3.97	3.44	42.96

RAINFALL AT WARE (WEST), MASS. Elevation, 450 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	3.88	6.50	2.49	6.70	1.69	....
1920	1.94	4.32	3.70	5.64	3.59	6.42	4.07	5.05	5.98	1.01	5.35	5.52	52.59
1921	1.94	2.74	3.11	7.61	3.02	4.30	5.11	2.49	1.17	2.40	5.70	1.58	41.17
1922	1.65	2.39	5.52	1.92	3.44	9.63	8.09	2.72	0.92	3.84	1.46	3.64	45.22
1923	5.95	1.61	2.81	4.55	2.04	4.96	2.13	5.42	2.11	3.72	5.81	**4.66**	45.77
1924	3.89	1.92	1.42	4.55	2.98	2.36	2.70	4.70	4.77	0.00	2.93	2.00	34.22
1925	2.35	3.33	4.42	3.06	2.46	5.08	4.60	1.42	3.56	4.60	3.11	2.04	40.03
Av. 6 yrs.	2.95	2.72	3.50	4.56	2.92	5.46	4.45	3.63	3.08	2.60	4.06	3.24	43.17

RAINFALL AT WAREHAM, MASS. Elevation, 60 feet.
(Onset Water Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.80	2.77	3.88	5.03	4.81	2.64	8.11	2.56	1.10	1.91	7.37	2.24	45.22
1922	2.00	4.70	5.91	2.16	3.97	2.88	4.57	9.45	1.65	2.84	1.29	4.51	45.93
1923	6.84	2.73	5.72	5.39	1.02	3.09	2.41	1.31	2.27	3.05	2.07	4.75	40.65
1924	4.25	3.76	3.85	6.22	2.40	2.07	0.90	8.95	2.91	0.17	1.97	2.38	39.83
1925	3.12	1.91	3.89	2.39	4.07	3.40	2.60	1.65	3.49	4.55	3.11	3.68	37.86
Av. 8 yrs.	3.91	3.67	4.61	4.37	3.26	3.72	4.00	4.32	2.96	2.37	3.31	3.65	44.15

RAINFALL AT WARREN, MASS. Elevation, 650 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.35	2.50	3.25	5.10	2.09	3.25	4.45	2.28	2.57	2.35	5.82	2.91	38.92
1922	1.55	2.29	4.94	1.79	4.03	5.73	5.86	4.42	3.35	2.33	1.51	3.35	41.15
1923	6.67	1.63	2.68	4.89	1.25	5.04	2.43	5.66	1.30	4.62	4.60	4.44	45.21
1924	3.75	2.80	1.51	5.78	2.46	...	...	...	...	...	...	...	....
Av. 11 yrs.	3.22	3.32	3.95	3.51	3.08	3.69	4.54	4.04	3.25	2.89	3 57	2.94	42.00

RAINFALL AT WARWICK, MASS. Elevation, 1 000 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	...	...	...	...	...	...	4.81	4.24	5.17	1.12	4.82	6.74	....
1921	1.03	2.48	4.55	6.10	2.83	3.77	4.76	2.39	2.36	2.11	6.70	2.27	41.35
1922	1.84	3.08	6.75	1.89	5.31	11.13	4.91	5.50	3.10	2.14	1.99	4.06	51.70
1923	5.15	2.25	2.05	3.90	3.04	2.24	5.15	2.62	3.31	5.07	5.25	5.11	45.14
1924	3.11	2.61	1.63	7.08	3.53	1.99	2.68	4.01	8.00	0.02	3.68	2.36	40.70
1925	2.82	3.49	4.94	4.37	3.01	4.55	6.36	2.12	3.57	4.69	4.37	3.79	48.08
Av. 5 yrs.	2.79	2.78	3.98	4.67	3.54	4.74	4.77	3.33	4.07	2.80	4.40	3.52	45.39

RAINFALL AT WEBSTER, MASS. Elevation, 450 feet.
(Slater & Sons' Mill.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.17	4.15	2.73	3.83	4.07	3.17	6.94	2.15	2.11	1.32	7.57	2.06	43.27
1922	1.42	2.94	5.52	2.58	3.60	8.68	4.37	4.66	4.43	2.58	1.39	3.10	45.27
1923	5.58	1.86	3.34	6.15	1.20	6.55	3.85	2.72	3.15	4.87	3.68	5.91	48.86
1924	3.83	2.27	2.08	4.95	3.48	2.11	0.95	5.69	4.46	0.17	2.45	1.90	34.34
1925	3.35	2.20	5.13	2.43	2.55	4.20	6.14	2.93	2.69	4.07	2.90	3.28	41.87
Av. 46 yrs.	3.62	3.79	4.08	3.36	3.31	3.31	3.72	3.74	3.55	3.22	3.33	3.69	42.72

RAINFALL AT WENDELL, MASS. Elevation, 1 200 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	...	...	...	...	...	...	...	...	...	**2.39**	6.00	2.55	....
1920	2.48	5.48	4.17	5.28	3.62	5.73	1.67	5.15	8.12	1.27	4.26	5.69	52.92
1921	1.98	2.02	3.05	9.55	3.69	3.13	3.85	3.22	3.34	2.22	7.27	2.02	45.34
1922	1.41	2.77	4.75	2.75	4.90	13.47	5.25	4.49	4.63	2.64	2.17	3.17	52.40
1923	6.67	1.71	2.30	4.05	3.04	2.73	2.21	3.18	1.73	6.71	3.75	4.98	43.06
1924	3.77	2.68	1.32	4.95	4.20	1.70	2.44	2.88	6.61	0.00	2.95	1.92	35.42
1925	2.37	3.34	4.09	3.58	2.45	4.97	6.16	2.70	5.16	4.04	4.82	2.67	46.35
Av. 6 yrs.	3.11	3.00	3.28	5.03	3.65	5.29	3.60	3.60	4.93	2.81	4.20	3.41	45.91

RAINFALL AT WESTBOROUGH, MASS. Elevation, 298 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.43	4.80	2.21	2.80	6.29	0.41	11.75	1.40	2.15	1.31	9.64	2.32	47.51
1922	2.20	3.68	3.56	3.52	5.98	10.10	2.62	4.92	3.76	2.62	1.31	3.74	48.01
1923	6.68	1.65	**3.14**	7.28	1.07	4.44	2.79	1.73	1.72	6.55	6.81	4.20	48.06
1924	4.99	3.15	2.29	4.83	3.93	1.67	3.93	5.68	4.21	1.06	2.50	1.66	39.90
1925	3.95	2.24	6.22	3.42	2.48	3.97	4.32	1.98	2.70	4.29	3.32	5.40	44.29
Av. 51 yrs.	3.71	3.93	4.16	3.51	3.40	3.37	3.79	3.86	3.32	3.65	3.84	3.47	44.01

RAINFALL AT WEST BROOKFIELD, MASS. Elevation, 630 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.05	1.53	2.63	5.97	2.48	3.31	4.52	2.74	2.53	2.20	5.88	2.47	38.31
1922	1.15	2.49	5.32	2.00	4.33	5.41	7.03	4.79	3.17	2.28	1.58	2.81	42.36
1923	5.93	1.88	2.87	4.72	1.21	4.06	3.09	4.04	1.92	4.21	4.17	4.17	42.27
1924	3.88	2.03	0.84	5.22	1.80	2.43	3.09	4.89	4.55	0.14	3.21	1.68	33.76
1925	2.32	1.91	4.25	2.75	2.08	4.91	5.13	2.31	3.89	4.39	1.74	2.39	38.07
Av. 13 yrs.	3.09	3.11	3.67	3.62	3.08	3.76	4.79	3.89	3.70	2.84	3.31	2.83	41.69

RAINFALL AT WESTFIELD, MASS. Elevation, 475 feet.
(West Parish Filters, Springfield Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.73	4.23	4.36	4.64	2.42	3.09	4.85	2.99	2.58	1.53	6.88	2.20	42.50
1922	1.68	3.23	6.91	2.03	7.06	5.75	5.97	4.58	1.91	2.27	1.41	4.17	46.97
1923	7.40	2.16	2.70	3.91	2.99	3.69	2.63	2.80	2.91	7.31	4.30	5.18	47.98
1924	4.83	2.77	1.07	3.72	4.68	1.86	1.55	3.60	6.36	0.05	3.65	2.20	41.34
1925	3.97	3.96	4.61	3.46	2.62	4.86	6.54	1.77	3.28	4.50	4.59	3.84	48.00
Av. 20 yrs.	3.71	3.88	3.77	4.12	3.89	3.71	3.67	4.08	4.09	3.84	3.93	3.95	46.64

RAINFALL AT WESTFIELD, MASS. Elevation, 150 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1918	4.23	2.18	3.28	2.46	2.42	3.99	2.19	2.96	7.56	1.43	2.76	3.99	39.45
1919	2.30	3.36	6.65	2.60	7.42	2.06	4.43	2.45	4.71	1.80	6.45	2.19	46.42
1920	2.65	4.80	4.19	5.59	3.41	7.68	4.04	8.32	6.56	1.88	6.20	6.30	61.62
1921	2.50	3.79	3.13	4.13	2.74	2.22	5.17	2.94	1.60	1.45	7.07	2.12	38.86
1922	2.26	2.56	5.06	3.32	5.65	6.47	6.81	4.25	2.28	2.90	0.86	4.29	46.71
1923	7.75	2.00	2.77	3.94	2.94	3.62	2.35	2.34	2.22	6.78	4.70	5.04	46.45
1924	5.06	2.81	1.06	7.40	4.04	2.10	1.67	4.08	4.80	0.04	3.05	2.10	38.21
1925	3.75	3.60	4.37	3.58	2.35	4.11	5.49	1.22	2.77	4.05	3.54	3.03	41.86
Av. 8 yrs.	3.81	3.14	3.81	4.13	3.87	4.03	4.02	3.57	4.06	2.54	4.33	3.63	44.94

RAINFALL AT WESTHAMPTON, MASS. Elevation, 750 feet.
(White Reservoir — Holyoke Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	2.15	3.03	5.57	2.77	8.18	2.24	4.20	3.01	4.24	2.90	6.47	1.59	46.35
1920	2.07	4.65	4.39	6.01	3.69	6.71	1.66	6.43	6.90	1.99	6.22	6.80	57.52
1921	2.29	3.26	3.15	4.66	2.79	2.77	4.03	2.23	1.96	1.42	6.85	2.28	37.69
1922	1.81	2.56	6.92	3.19	6.25	8.05	3.24	3.46	2.20	2.39	1.28	2.83	44.18
1923	6.11	2.90	2.23	3.25	3.90	2.33	3.46	1.89	2.95	7.11	3.46	2.81	42.40
1924	3.42	2.52	1.02	6.81	4.34	1.53	1.72	3.74	8.11	0.34	3.33	2.01	38.89
1925	3.10	3.35	3.99	3.03	2.84	4.86	6.83	3.12	2.41	3.56	4.51	2.67	44.27
Av. 7 yrs.	2.99	3.18	3.90	4.25	4.57	4.07	3.59	3.41	4.11	2.81	4.59	3.00	44.47

RAINFALL AT WESTMINSTER, MASS. Elevation, 980 feet.
(Meetinghouse Pond, Fitchburg Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.02	3.47	2.92	6.67	4.35	3.93	8.88	2.81	2.02	2.94	5.41	2.05	47.47
1922	1.41	3.50	3.85	3.85	6.24	9.85	4.39	5.09	2.70	3.03	1.70	3.10	48.71
1923	7.22	1.10	2.50	5.36	0.98	2.17	2.87	2.77	1.70	4.58	5.77	4.65	41.67
1924	3.90	2.10	1.43	6.18	5.04	1.74	2.38	3.75	4.53	T	3.81	2.37	37.23
1925	2.97	2.72	5.84	2.60	2.33	4.44	5.79	3.86	3.89	4.56	4.37	4.52	47.89
Av. 10 yrs.	3.01	3.21	3.54	4.13	4.17	4.87	4.35	3.34	4.40	2.88	3.92	3.22	45.04

RAINFALL AT WESTMINSTER, MASS. Elevation, 880 feet.
(Wachusett Lake, Fitchburg Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.39	3.85	2.79	5.36	6.02	4.37	8.50	2.23	2.73	2.20	7.57	2.21	50.22
1922	2.29	3.18	4.98	3.66	6.66	9.35	5.00	5.92	3.65	2.68	1.88	3.48	52.73
1923	8.03	2.27	2.60	4.73	0.38	2.76	2.31	1.92	2.12	5.57	5.64	4.63	42.96
1924	4.42	2.85	2.48	7.39	3.88	1.20	2.40	3.91	4.66	T	3.57	2.21	38.97
1925	3.43	2.44	6.21	3.22	2.35	4.53	4.48	3.85	4.18	4.44	4.57	4.88	48.58
Av. 11 yrs.	3.77	3.65	3.67	3.96	4.17	4.32	4.61	3.59	4.39	2.91	4.27	3.77	47.08

RAINFALL AT WESTON, MASS. Elevation, 60 feet.
(Stony Brook Reservoir, Cambridge Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.58	3.51	2.96	5.47	2.32	4.05	7.58	1.21	1.90	1.23	7.67	2.52	43.00
1922	1.57	3.20	5.43	1.59	5.17	10.40	4.02	4.96	4.55	2.95	1.12	2.82	47.78
1923	6.78	2.03	3.40	5.07	1.03	2.63	3.54	2.20	0.98	4.23	4.99	5.02	41.90
1924	3.65	2.51	1.74	5.53	3.67	2.15	2.72	5.37	7.15	0.13	2.17	1.69	38.48
1925	4.95	2.07	6.14	2.72	2.23	4.57	4.14	1.24	3.12	4.26	**3.85**	**5.94**	45.23
Av. 36 yrs.	3.66	3.63	4.21	3.63	3.20	3.33	3.56	3.64	3.74	3.17	3.48	3.62	42.87

RAINFALL AT WILLIAMSBURG, MASS. Elevation, 550 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.92	2.56	4.14	5.66	3.58	3.04	5.23	1.73	2.07	1.66	6.05	1.97	39.61
1922	1.32	2.86	6.48	2.06	6.29	7.83	3.15	4.11	2.27	2.68	1.65	2.97	43.67
1923	5.55	1.78	2.05	3.38	3.77	2.80	2.99	3.48	1.91	6.66	4.30	4.57	43.24
1924	4.16	2.14	0.66	5.24	3.80	1.30	2.35	3.16	9.69	0.05	1.79	2.14	36.48
1925	2.69	3.58	3.70	3.16	1.90	4.88	7.59	2.79	2.68	4.31	4.48	2.85	44.61
Av. 13 yrs.	3.10	3.09	3.30	3.78	3.86	3.72	4.06	3.55	3.73	3.19	3.67	3.45	42.50

RAINFALL AT WILLIAMSTOWN, MASS. Elevation, 711 feet.
(Williams College.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.13	4.22	4.17	2.86	2.41	2.94	6.51	3.59	2.41	1.58	4.58	1.51	37.91
1922	1.56	1.52	3.87	2.63	3.27	6.60	2.05	5.91	1.60	1.42	1.19	2.50	34.12
1923	4.97	1.94	2.41	2.62	2.01	3.39	3.20	3.48	4.08	4.07	4.77	3.20	40.14
1924	3.15	2.40	0.72	5.20	3.28	2.10	4.47	4.44	4.34	0.07	2.16	1.66	33.99
1925	2.05	2.17	2.93	2.58	2.69	4.58	4.14	3.79	6.24	3.13	3.00	1.92	39.22
Av. 49 yrs.	2.59	2.34	2.81	2.86	3.11	3.55	4.29	4.28	3.41	2.98	2.99	2.95	38.16

RAINFALL AT WINCHENDON, MASS. Elevation, 975 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.99	2.65	3.75	7.43	2.41	3.34	4.60	3.04	2.94	1.96	7.01	2.87	43.99
1922	2.30	3.13	6.33	1.88	4.63	12.00	5.90	4.80	3.09	2.59	1.92	3.58	52.15
1923	6.23	2.23	2.60	4.54	1.77	1.72	4.43	2.45	1.80	6.18	5.46	4.36	43.77
1924	4.54	2.19	1.55	6.04	2.73	2.22	2.39	3.01	5.10	0.03	3.29	2.21	35.30
1925	2.75	3.22	4.69	3.62	2.54	4.74	8.20	1.68	3.68	4.01	3.44	2.58	45.15
Av. 32 yrs.	3.06	2.94	3.58	3.43	3.10	3.67	4.19	4.00	4.05	3.02	3.39	3.41	41.84

RAINFALL AT WORCESTER, MASS. Elevation, 400 feet.
(Sewage Disposal Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.77	3.11	2.46	6.16	2.53	2.83	4.97	1.45	2.01	1.45	8.48	2.01	40.23
1922	1.51	2.63	5.27	2.84	4.09	7.54	4.73	5.64	3.28	2.85	1.39	3.17	44.94
1923	6.39	1.66	2.95	6.51	1.30	3.94	2.93	1.95	2.80	5.18	4.60	4.80	45.01
1924	4.25	2.64	2.62	4.73	3.49	1.46	4.62	4.82	5.35	0.03	2.77	1.82	38.60
1925	3.58	2.25	5.44	2.85	2.12	2.58	3.63	2.31	2.44	4.53	3.38	4.29	39.40
Av. 30 yrs.	3.29	3.45	3.99	3.59	3.02	3.41	3.67	3.46	3.72	2.88	3.41	3.52	41.41

RAINFALL AT WORCESTER, MASS. Elevation, 518 feet.
(U. S. Weather Bureau.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.92	1.86	2.26	4.44	3.40	1.82	4.35	1.87	1.99	2.25	5.32	2.38	33.86
1922	1.01	2.59	3.93	2.15	3.08	8.31	2.05	3.51	3.27	2.46	0.56	2.60	35.52
1923	4.33	0.73	2.80	5.66	1.93	3.49	2.28	2.24	1.44	4.45	4.35	4.14	37.84
1924	3.05	1.69	2.32	4.09	4.21	1.22	3.32	4.21	4.06	0.37	3.17	1.74	33.45
1925	3.34	1.73	5.51	3.33	1.94	4.08	4.21	2.33	2.30	4.63	3.32	5.08	41.80
Av. 33 yrs.	2.80	2.90	3.59	3.20	3.15	3.15	3.57	3.38	3.35	2.88	3.18	3.27	38.42

RAINFALL AT WORTHINGTON, MASS. Elevation, 1 500 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.98	2.80	3.85	5.43	2.89	1.87	6.74	2.35	2.44	2.36	7.61	1.65	41.97
1922	1.87	2.91	6.13	2.44	7.03	7.75	2.76	4.52	2.93	3.05	2.07	3.01	46.47
1923	6.01	2.22	1.71	3.49	3.19	3.97	3.97	2.58	3.82	7.47	4.31	4.55	47.29
1924	3.71	2.96	1.34	6.32	5.46	1.76	2.55	3.10	8.96	0.00	3.61	2.16	41.93
1925	3.06	4.66	2.75	3.68	3.30	4.01	6.89	4.56	4.51	4.37	4.51	3.43	49.73
Av. 9 yrs.	3.17	3.26	3.62	3.87	4.55	4.32	4.08	3.58	4.75	3.42	4.29	3.25	46.16

RAINFALL AT WRENTHAM, MASS. Elevation, 250 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	**3.44**	**2.86**	**2.95**	**5.47**	**3.20**	5.30	6.95	1.17	0.68	0.76	6.08	2.94	41.80
1922	1.86	3.01	5.64	1.94	5.79	7.82	3.47	6.89	4.96	2.99	1.35	2.61	48.33
1923	4.88	1.88	2.99	5.37	0.82	4.64	3.36	3.22	0.65	5.48	4.26	5.54	43.09
1924	4.03	3.04	3.16	6.01	3.35	1.62	2.10	6.18	6.57	0.15	2.11	2.01	40.33
1925	3.77	2.18	5.36	2.77	3.26	2.52	5.02	1.35	4.99	2.98	4.60	4.43	43.23
Av. 5 yrs.	3.60	2.59	4.02	4.31	3.28	4.38	4.18	3.76	3.57	2.47	3.68	3.51	43.35

RHODE ISLAND.

RAINFALL AT BLOCK ISLAND, R. I. Elevation, 26 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.61	1.37	2.81	2.76	4.85	2.56	3.72	3.05	0.80	2.06	6.50	2.16	35.25
1922	3.04	3.16	4.75	2.79	4.17	2.68	1.82	9.53	0.84	2.94	0.54	2.67	38.93
1923	5.43	1.85	4.62	5.78	0.41	1.81	2.02	1.10	3.39	3.76	2.62	4.78	37.57
1924	4.36	2.57	1.56	4.55	2.73	2.56	0.32	6.23	3.51	0.23	2.01	2.54	33.17
1925	3.26	1.40	2.17	1.68	2.56	3.50	1.87	2.28	2.04	4.51	3.69	2.19	31.15
Av. 45 yrs.	3.83	3.68	3.90	3.61	3.49	2.64	3.04	3.45	2.68	3.52	3.59	3.78	41.21

RAINFALL AT BRISTOL, R. I. Elevation, 53 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.14	2.23	3.51	4.63	3.05	2.97	4.75	1.74	1.06	1.27	**7.01**	2.61	37.97
1922	1.58	3.49	6.32	1.45	4.33	8.50	4.57	10.03	2.07	3.21	1.05	3.50	50.10
1923	6.19	2.36	4.82	5.39	1.06	4.02	0.96	**2.15**	**2.01**	**4.10**	3.09	**5.85**	42.00
1924	2.56	4.45	3.26	6.12	0.44	1.39	1.24	6.41	1.37	0.69	1.62	2 36	31 91
1925	3.58	1.42	3.51	2.29	2.71	1.48	2.45	2.57	3.20	3.38	5.08	4.63	36.30
Av. 39 yrs.	3.94	3.71	4.08	3.74	3.27	2.98	3.02	3.53	2.99	3.28	3.43	3.77	41.74

RAINFALL AT CRANSTON (FISKEVILLE), R. I. Elevation, 260 feet.
(Providence Water Supply Board.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.72	2.86	3.45	5.10	3.57	4.41	4.77	2.24	1.76	1.80	8.48	2.53	44.69
1922	2.45	3.20	6.73	1.77	5.37	5.76	6.22	9.01	3.67	3.04	1.53	3.20	51.95
1923	7.84	1.83	4.01	5.76	1.51	5.46	2.85	1.95	3.23	5.99	5.41	5.05	50.89
1924	4.88	4.05	3.21	6.37	3.78	1.16	1.56	5.66	3.04	0.21	1.82	2.39	38.13
1925	5.26	2.34	4.66	2.79	2.60	2.21	5.15	1.62	2.43	4.18	5.97	5.70	44.91
Av. 9 yrs.	4.48	3.28	4.37	4.39	3.76	4.33	3.79	4.54	3.93	3.03	4.13	3.78	47.81

RAINFALL AT FOSTER (HOPKINS MILLS), R. I. Elevation, 450 feet.
(Providence Water Supply Board.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.30	3.14	3.89	5.42	3.77	3.86	6.23	3.08	3.23	0.96	7.79	2.71	47.38
1922	1.81	2.49	6.60	1.95	5.49	6.16	8.83	8.10	6.84	3.30	1.39	3.37	56.33
1923	6.75	1.87	3.74	6.10	1.55	5.15	2.93	2.65	2.02	5.91	6.12	5.28	50.07
1924	4.62	2.68	2.87	6.38	3.45	1.71	1.90	5.60	5.23	0.23	2.58	2.51	39.76
1925	4.04	2.25	4.99	2.96	2.82	2.65	6.52	1.70	3.01	4.30	4.87	4.76	44.87
Av. 10 yrs.	3.79	3.42	4.32	4.53	3.95	4.66	5.01	4.36	4.28	2.87	3.87	3.77	48.83

RAINFALL AT GREENE, R. I. Elevation, 450 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.24	2.35	3.20	5.47	4.47	4.52	5.96	1.87	2.48	1.53	7.60	2.74	45.43
1922	1.13	2.74	4.94	2.28	5.12	7.33	5.28	6.96	6.61	2.35	1.56	2.52	48.82
1923	6.01	1.87	3.83	5.33	1.32	4.75	2.97	2.57	2.97	5.62	6.29	5.72	49.25
1924	4.16	2.98	1.75	5.08	4.43	1.58	1.60	6.14	4.59	0.25	2.69	2.28	37.53
1925	...	2.37	4.33	2.43	2.70	...	...	...	...	...	...	...	....
Av. 15 yrs.	3.74	3.33	3.57	3.82	3.32	3.47	3.98	4.17	3.48	2.78	3.79	3.69	43.14

RAINFALL AT HOPE, R. I. Elevation, 200 feet.
(Hope Company.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	3.27	7.25	4.80	5.61	4.40	8.15	3.58	2.59	2.27	1.50	4.80	4.91	53.13
1921	3.35	3.47	2.53	5.14	3.15	3.62	4.95	2.14	1.76	1.55	7.74	2.28	41.68
1922	2.10	2.82	5.08	2.39	5.16	5.02	5.73	9.13	4.21	2.63	1.44	3.05	48.76
1923	7.62	1.70	3.93	5.41	1.42	4.85	2.61	2.13	3.09	4.86	5.20	5.55	48.37
1924	4.63	3.37	2.23	5.96	3.54	1.21	1.55	5.64	5.07	0.23	2.03	2.41	37.87
1925	4.90	2.13	4.38	2.43	2.33	2.30	5.18	1.61	2.36	3.90	5.23	4.81	41.56
Av. 38 yrs.	4.40	4.01	4.60	4.28	3.79	3.30	3.96	4.04	4.00	3.83	4.09	4.27	48.57

RAINFALL AT KINGSTON, R. I. Elevation, 250 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.24	2.63	4.23	4.33	4.00	3.31	5.18	2.70	1.58	1.07	7.98	3.19	43.44
1922	3.88	4.65	5.87	3.31	5.50	5.93	3.26	10.99	1.46	3.70	1.19	4.28	54.02
1923	8.97	2.10	5.93	6.70	1.39	2.81	1.96	2.26	2.75	7.78	4.14	7.05	53.84
1924	6.40	4.32	1.84	5.91	5.41	1.76	1.13	7.99	4.85	0.27	2.55	3.29	45.72
1925	4.29	2.18	3.34	2.37	3.64	3.53	2.52	3.27	3.91	5.52	5.23	7.06	46.86
Av. 37 yrs.	5.02	4.50	4.96	4.71	4.17	3.33	3.47	4.31	3.50	4.18	4.25	4.85	51.25

RAINFALL AT PAWTUCKET, R. I. Elevation, 140 feet.
(Masonic Building, Board of Public Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	2.75	7.21	4.36	5.33	5.14	7.29	3.21	3.35	2.32	1.27	4.81	4.58	51.62
1921	3.34	3.05	3.17	4.75	2.88	4.95	6.62	2.94	2.24	1.25	8.54	2.56	46.29
1922	1.57	2.94	6.25	1.76	5.04	8.35	7.68	6.70	3.17	3.00	1.27	3.21	50.94
1923	6.49	1.88	3.53	5.28	1.33	4.63	2.93	2.21	1.45	4.62	3.92	5.52	43.79
1924	4.42	3.50	2.73	4.91	3.49	1.75	1.20	6.57	7.77	0.17	1.91	2.00	40.42
1925	4.13	2.00	4.68	2.61	2.06	2.46	4.86	1.95	2.93	4.13	4.89	3.97	40.67
Av. 25 yrs.	4.05	3.80	4.14	4.11	3.23	3.55	4.06	3.71	3.66	3.02	3.16	4.33	44.82

RAINFALL AT PAWTUCKET, R. I. Elevation, 90 feet.
(Pumping Station, Board of Public Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	3.35	7.20	4.28	5.18	4.59	6.84	3.60	3.37	2.08	1.50	5.35	4.13	51.47
1921	3.21	3.52	3.33	4.98	3.20	5.28	7.74	3.08	1.82	1.49	0.16	2.51	40.32
1922	2.01	4.00	6.76	1.82	5.15	8.49	6.68	6.75	3.16	2.93	1.53	3.73	53.01
1923	6.71	1.78	3.46	5.15	1.45	4.01	2.98	2.03	1.25	4.64	4.06	5.36	42.88
1924	4.07	3.22	1.97	5.08	3.42	1.71	1.80	7.47	7.50	0.17	1.93	2.10	40.44
1925	4.41	2.36	4.85	2.49	2.34	2.99	5.25	2.15	3.45	4.22	4.76	4.57	43.84
Av. 41 yrs.	4.27	4.30	4.23	3.80	3.70	3.15	3.99	4.06	3.64	3.50	3.47	4.15	46.26

RAINFALL AT PAWTUCKET, R. I. Elevation, 220 feet.
(Diamond Hill Reservoir, Board of Public Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Aunnal
1920	3.53	6.04	**4.32**	**5.27**	4.65	6.16	3.57	1.46	2.71	1.05	4.88	4.84	48.48
1921	3.56	2.95	3.38	5.07	2.79	2.56	10.60	2.30	1.67	1.19	7.11	**2.45**	45.63
1922	1.66	3.04	6.29	1.44	5.45	6.60	4.50	6.87	4.70	2.57	1.45	3 74	48.31
1923	7.45	2.05	3.33	5.75	1.20	4.76	2.78	1.76	1.28	4.72	4.60	5.03	44.71
1924	4.16	2.99	3.48	5.25	2.92	2.12	1.15	5.84	6.47	0.14	1.96	1.91	38.39
1925	4.43	2.30	5.03	2 64	2.54	2.39	4.26	1.89	5.00	4.48	4.15	4.04	43.15
Av. 25 yrs.	3.82	3.62	4.44	4.18	3.31	3.21	4.15	3.44	3.69	3.13	3.23	4.12	44.34

RAINFALL AT PAWTUCKET, R. I.
(A. H. Keene.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	3.35	7.20	3.28	5.19	4.58	6.84	3.60	3.37	1.98	1.60	5.35	4.13	50.47
1921	3.21	3.52	2.61	1.90	4.00	5.28	7.74	3.08	1.82	1.49	9.16	2.51	49.32
1922	2.01	4.00	4.61	2.42	5.15	8.49	6.68	6.75	3.16	2.93	1.53	3.73	51.46
1923	6.72	1.78	3.46	5.15	1.77	4.01	2 98	2.03	1.25	4.64	4.66	5.36	43.81
1924	4.07	3.22	1.97	4.08	3.42	1.71	1.80	7.47	7.50	0.17	1.93	2.10	39.44
1925	4.41	2.36	4.85	2.49	2.34	2.99	5.25	2.15	3.45	4.22	4.76	4.57	43.84
Av. 12 yrs.	4.11	3.60	3.56	3.85	3.48	3.90	4.72	4.11	3.17	2.64	3.48	3.77	44.39

RAINFALL PAWTUXET RIVER, NORTH BRANCH WATERSHED.
(Providence Water Supply Board.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1916	**1.88**	**5.88**	2.46	3.60	4.83	5.71	7.38	1.33	1.24	2.61	2.34	3.30	42.56
1917	3.96	2.18	4.91	2.70	4.15	4.54	1.51	6.13	2.66	6 71	0.48	3.23	43.16
1918	3.56	3.73	2.15	4.56	3.12	4.49	5.13	4.14	8.79	1.07	2.60	3.75	47.09
1919	4.89	3.42	6.05	4.31	5.99	3.65	5.47	6.65	6.07	2.29	5.05	2.58	56.42
1920	3.03	6.10	4.90	6.28	3.95	7.93	4.44	3.86	3.04	1.34	5.85	5.09	55.81
1921	3.46	3.06	3.72	5.45	3.73	4.30	6.80	2.97	2.53	1.26	8.02	2.54	47.84
1922	1.91	2.67	6.40	1.98	5.22	6.34	8.36	9.09	5.35	2.92	1.41	3.11	54.76
1923	6.78	1.82	3.73	5.92	1.48	4.93	2.78	2.35	2.15	5.67	5.68	5.10	48.39
1924	4.49	2.92	1.80	6.12	3.66	1.49	1.72	5.85	5.28	0.21	2.23	2.38	39.15
1925	4.41	2 22	4.76	2.85	2.72	2.36	6.14	1.70	2.96	4.32	**4.83**	**5.18**	44.45
Av. 10 yrs.	3.84	3.40	4.19	4.38	3.88	4.57	4.97	4.41	4.01	2.84	3.85	3.62	47.96

RAINFALL AT PROVIDENCE, R. I. Elevation, 162.5 feet.
(Hope Reservoir, City Engineer.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.71	3.01	3.01	5.45	3.66	4.33	6.57	2.29	1.50	1.35	8.58	3.05	46.51
1922	1.49	2.89	4.90	2.92	5.25	6.98	7.45	6.48	3.42	3.18	1.26	2.80	49.02
1923	8.78	2.06	3.12	5.52	1.34	5.17	3.43	1.65	1.39	4.98	4.30	5.93	47.67
1924	4.90	3.34	3.20	4.29	3.35	0.99	1.31	5.47	6.96	0.23	1.71	2.06	37.81
1925	4.38	2.00	4.39	2.02	1.79	2.65	4.13	2.06	2.49	4.04	5.14	3.92	39.01
Av. 94 yrs.	4.14	3.81	4.14	3.82	3.65	3.30	3.46	4.02	3.36	3.56	3.92	3.98	45.16

RAINFALL AT PROVIDENCE, R. I. Elevation, 182 feet.
(U. S. Weather Bureau.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.32	2.23	2.50	4.21	2.60	3.35	5.35	1.88	1.33	1.23	6.35	2.43	36.78
1922	1.36	2.42	4.67	2.18	4.24	6.58	6.88	6.96	3.28	2.66	1.09	2.58	44.90
1923	6.55	1.97	3.14	4.75	1.19	4.31	3.09	1.48	1.52	4.09	3.62	5.13	40.84
1924	4.13	3.67	1.34	3.77	2.71	1.05	1.12	5.39	6.71	0.15	1.48	1.96	33.48
1925	3.21	2.08	3.79	1.95	1.92	1.73	3.56	1.88	2.58	3.53	4.11	3.28	33.62
Av. 21 yrs.	3.41	3.03	3.08	3.33	2.92	3.00	3.42	3.25	3.19	2.60	2.75	3.31	37.29

RAINFALL AT PROVIDENCE, R. I. Elevation, 25 feet.
(Pettaconsett Pumping Station, Providence Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.96	2.98	3.14	5.58	4.82	3.76	5.29	2.19	1.25	1.44	7.88	2.82	45.11
1922	2.16	2.92	4.72	3.40	4.64	5.46	5.94	9.20	2.62	3.13	1.24	3.68	49.11
1923	7.85	1.92	2.90	5.05	0.80	4.99	2.73	0.77	0.86	5.60	1.02	5.87	40.36
1924	5.27	4.25	3.26	5.24	3.61	1.45	1.54	7.36	5.81	0.27	1.83	2.57	42.46
1925	4.15	2.29	3.70	2.36	2.20	2.17	3.17	2.69	2.53	4.45	4.58	4.91	39.20
Av. 22 yrs.	4.63	3.99	4.18	4.07	3.13	3.35	3.62	4.09	2.84	3.49	3.82	4.04	45.25

RAINFALL AT PROVIDENCE, R. I. Elevation, 25 feet.
(Sewage Precipitation Works, City Engineer.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.74	2.25	2.98	4.61	3.40	4.23	5.40	2.45	1.30	1.44	8.72	3.12	43.64
1922	1.83	3.12	5.11	2.41	4.58	6.71	7.25	9.31	2.74	2.65	1.16	3.32	50.19
1923	7.90	2.40	3.94	5.53	1.32	5.99	3.37	2.35	2.61	5.04	3.53	5.87	49.85
1924	4.82	3.90	3.03	5.58	2.92	1.29	1.43	6.73	7.63	0.16	2.15	2.44	42.08
1925	4.31	2.09	4.58	2.43	2.20	2.17	2.83	2.48	3.16	3.95	4.51	4.09	38.80
Av. 17 yrs.	4.18	3.58	3.63	4.04	3.08	3.41	3.71	3.70	3.21	2.64	3.44	3.77	42.39

RAINFALL AT PROVIDENCE, R. I. Elevation, 182 feet.
(Sockanosset Reservoir, Providence Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.52	2.85	2.90	5.94	3.88	4.01	5.14	2.07	1.43	1.41	8.70	2.79	44.64
1922	2.09	2.80	4.61	3.04	4.62	5.54	6.28	9.63	2.60	2.88	1.29	3.39	48.77
1923	7.29	1.94	4.32	5.43	1.23	5.61	2.84	1.99	2.74	6.04	4.04	5.85	49.32
1924	5.13	4.13	2.35	5.13	4.12	1.56	1.64	8.56	5.94	0.18	1.82	2.31	42.87
1925	4.44	2.30	4.45	2.49	2.51	1.90	3.88	2.87	2.62	3.77	4.98	5.27	41.48
Av. 20 yrs.	4.32	3.77	4.30	4.34	3.04	3.61	3.73	4.31	2.84	3.34	4.01	4.02	45.63

RAINFALL AT PROVIDENCE, R. I. Elevation, 275 feet.
(Fruit Hill Reservoir, Providence Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.43	2.69	2.11	5.46	3.35	4.21	5.72	3.03	1.67	1.21	8.80	2.51	44.19
1922	2.10	3.20	5.61	2.34	5.07	6.76	9.24	7.51	4.69	2.65	1.18	3.33	53.68
1923	6.91	1.76	4.40	4.47	1.04	4.40	2.53	1.75	1.46	5.43	4.79	5.72	44.66
1924	4.97	3.65	3.29	4.62	3.47	1.27	1.65	5.91	5.34	0.18	1.76	2.33	38.44
1925	3.87	2.14	4.67	2.62	2.18	2.57	4.27	2.08	2.73	3.73	4.84	4.29	39.99
Av. 17 yrs.	4.04	3.45	3.75	3.87	3.13	3.28	3.87	4.05	2.97	2.64	3.54	3.85	42.44

RAINFALL AT SCITUATE (ROCKY HILL), R. I. Elevation, 440 feet.
(Providence Water Supply Board.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.15	2.99	3.63	5.17	3.91	4.14	6.15	3.82	2.08	1.09	7.85	2.35	46.33
1922	1.63	2.41	5.83	2.12	5.00	6.98	8.43	11.14	4.26	2.86	1.14	3.06	54.86
1923	6.40	1.78	3.56	5.90	1.39	4.03	2.84	2.07	1.84	5.51	5.32	4.65	45.29
1924	4.11	2.50	1.84	5.35	3.74	1.27	1.68	6.06	5.28	0.19	1.99	2.15	36.16
1925	4.49	2.18	4.73	2.79	2.75	2.51	6.71	1.62	3.66	4.53	3.64	5.07	44.68
Av. 10 yrs.	3.69	3.29	3.96	4.24	3.93	4.48	4.76	4.48	3.82	2.78	3.64	3.49	46.56

RAINFALL AT SCITUATE (SOUTH), R. I. Elevation, 280 feet.
(Providence Water Supply Board.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.81	3.16	3.79	5.94	3.58	4.86	9.03	2.37	2.67	1.46	8.20	2.58	51.45
1922	2.01	2.84	6.61	1.97	5.10	6.16	8.90	8.08	5.78	2.53	1.64	2.86	54.48
1923	6.66	1.82	3.75	5.85	1.47	5.35	2.54	2.52	2.06	5.43	5.72	5.39	48.56
1924	4.50	3.02	3.47	6.50	3.73	1.67	1.65	5.99	5.44	0.22	2.33	2.48	41.00
1925	4.27	2.18	4.60	2.83	2.66	2.00	5.69	1.83	2.49	4.19	**3.64**	**5.07**	41.45
Av. 10 yrs.	3.83	3.42	4.27	4.42	3.77	4.68	5.42	4.45	4.01	2.77	3.82	3.53	48.39

RAINFALL AT WOONSOCKET, R. I. Elevation, 160 feet.
(Woonsocket Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.66	2.84	2.76	4.77	4.77	4.22	8.89	1.96	1.81	1.16	8.55	2.63	48.02
1922	0.55	3.28	5.50	2.92	3.47	9.43	5.06	9.78	4.18	2.70	1.40	4.94	53.21
1923	6.40	2.38	2.70	5.96	1.87	4.23	3.15	2.55	1.70	6.20	6.44	5.99	49.57
1924	4.27	2.85	2.93	6.38	3.78	1.65	1.15	6.57	5.69	0.16	1.28	1.67	38.38
1925	2.92	2.97	5.42	2.84	2.37	2.33	4.31	1.31	4.81	4.12	4.26	4.82	42.48
Av. 40 yrs.	4.28	3.98	4.42	3.96	3.81	3.22	4.32	4.08	3.82	3.63	3.91	4.03	47.46

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RAINFALL AT BRIDGEPORT, CONN. Elevation, 20 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.50	3.18	2.69	6.15	4.64	3.06	4.92	2.79	2.37	1.01	4.49	2.36	40.16
1922	2.82	2.94	4.47	2.84	4.27	**7.37**	**5.56**	**3.16**	**2.12**	4.28	1.51	3.25	44.59
1923	6.95	1.77	3.79	3.76	2.58	2.73	1.53	1.34	2.40	7.26	5.08	5.06	44.25
1924	4.19	3.54	1.29	6.88	6.40	2.25	1.37	5.36	3.90	0.30	2.21	2.50	40.19
1925	3.69	3.89	4.06	2.04	3.85	3.08	8.19	5.70	4.19	4.50	2.94	2.55	48.68
Av. 32 yrs.	3.97	3.84	4.26	3.90	3.82	3.23	4.48	4.37	3.64	3.94	3.39	4.12	46.96

RAINFALL AT BURLINGTON, CONN. Elevation, 497 feet.
(Phelps Brook Dam, Hartford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1918	1.89	2.46	1.84	3.20	4.00	3.40	4.81	2.43	5.88	0.45	2.89	3.31	36.56
1919	2.52	3.25	5.48	3.52	8.76	1.17	3.05	3.75	6.37	2.84	4.79	2.21	47.71
1920	1.85	2.53	3.68	4.40	3.90	7.04	5.70	1.82	8.84	0.57	5.36	5.37	51.06
1921	2.40	2.51	3.17	5.26	3.03	3.78	5.62	2.47	3.60	1.64	4.88	1.04	39.50
1922	1.54	1.57	4.46	3.05	5.34	5.01	4.75	4.97	1.94	4.07	1.19	3.81	41.70
1923	5.87	2.32	2.58	5.00	2.21	4.22	1.98	2.52	3.24	6.35	2.53	4.70	43.52
1924	4.37	2.44	0.73	8.08	4.21	2.58	0.75	4.23	4.96	0.11	3.20	1.64	37.30
1925	2.50	3.73	4.37	2.06	2.90	3.95	4.99	4.31	3.06	3.68	2.81	2.39	40.75
Av. 8 yrs.	2.87	2.60	3.29	4.33	4.29	3.89	3.96	3.31	4.74	2.46	3.46	3.06	42.26

RAINFALL AT BURLINGTON, CONN. Elevation, 693 feet.
(Upper Phelps Brook, Hartford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1918	...	...	...	3.86	3.83	3.15	4.48	3.24	5.72	0.67	3.03	3.57	....
1919	2.13	3.23	6.11	3.36	8.33	1.62	4.01	4.70	5.64	3.27	4.88	2.94	50.22
1920	3.81	5.09	4.34	5.72	3.62	8.85	4.61	1.89	7.70	0.64	6.63	4.46	57.36
1921	3.34	3.86	3.44	6.64	3.20	3.35	4.23	2.38	4.47	1.98	5.81	2.35	45.05
1922	1.46	2.51	6.08	1.66	5.95	5.44	4.62	5.81	2.24	5.84	1.34	3.72	46.67
1923	7.07	1.81	3.30	5.95	2.72	3.91	2.00	2.28	2.84	6.13	4.12	4.18	46.31
1924	5.24	2.57	1.34	9.16	4.96	3.22	0.98	4.58	5.63	0.14	3.71	2.16	43.69
1925	3.37	3.57	4.93	2.41	3.07	4.32	5.07	1.88	3.73	3.72	4.23	3.15	43.45
Av. 7 yrs.	3.77	3.23	4.22	4.99	4.55	4.39	3.65	3.36	4.61	3.10	4.39	3.28	47.54

RAINFALL AT CANAAN, CONN. Elevation, 600 feet.
(Falls Village.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.48	3.16	4.43	4.62	3.45	3.95	3.11	4.25	3.86	1.64	5.92	1.67	42.54
1922	1.65	1.95	4.67	2.30	6.97	5.81	2.30	5.81	2.14	2.30	1.02	3.08	40.00
1923	5.05	1.47	1.82	3.18	2.50	2.73	3.19	3 14	4.60	5.52	2.74	2.85	38.79
1924	2.09	1.72	0.97	5.29	4.14	2.16	2.47	4.26	8.89	0.87	3.13	1.30	37.29
1925	2.34	3.43	4.84	2.23	2.73	3.17	7.30	1.68	4.02	3.04	3 02	2.01	39.81
Av. 24 yrs.	3.08	3.50	3.42	3.18	3.99	3.60	4.71	4.10	4.28	2.79	3.31	3.61	43.57

RAINFALL AT CANTON, CONN. Elevation, 485 feet.
(Nepaug Dam, Hartford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1912	...	...	...	4.36	4.32	0.82	2.19	3.52	2.95	4.92	4.95	4.53	....
1913	3.40	2.39	5.44	4.64	4.39	0.77	1.88	4.72	4.99	10.85	3.50	2.88	49.85
1914	3.45	2.45	5.17	4.16	3.48	3.63	4.03	3.04	0.34	3.49	3.13	3.13	39.50
1915	5.49	3.97	0.13	1.73	2.32	2.71	6.12	8.06	3.15	2.75	3.65	3.85	43.93
1916	1.00	3.07	1.84	1.24	2.14	5.02	4.12	3.51	4.31	1.28	2.99	1.92	32.44
1917	2.07	1.47	2.49	2.68	4.53	7.48	3.13	4.76	0.26	7.86	1.03	1.68	39.44
1918	3.14	1.47	2.74	3.33	4.25	2.95	3.59	2.82	5.66	**0.39**	**2.80**	**3.40**	36.54
1919	**2.73**	**3.34**	**6.98**	2.80	7.97	1.60	2.85	3.71	5.33	2.78	4.46	1.88	46.43
1920	2.50	3.77	3.12	4.41	3.40	7.12	4.58	2.64	7.73	0.52	5.04	5.16	49.99
1921	2.67	3.44	2.84	5.53	2.93	3.72	4.49	2.31	3.48	1.42	5.06	2.12	40.01
1922	2.10	1.90	4.57	2.36	5.56	4.88	4.30	4.98	2.00	5.30	1.29	4.04	43.28
1923	6.73	1.54	2.71	5.04	2 26	4 02	1.80	2.07	5.41	6.56	2.58	5.21	45.93
1924	3.30	2.42	1.11	8.26	4.73	2.94	0.77	4.05	4.94	0.15	2.91	1.71	37.29
1925	3.22	3.71	4.28	1.94	2.99	4.52	5.86	2.76	3.82	3.86	3.49	2.74	43.19
Av. 13 yrs.	3.22	2.69	3.34	3.70	3.92	3.95	3.65	3.80	3.95	3.63	3.23	3.06	42.14

RAINFALL AT CANTON, CONN.
(G. J. Case.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.76	3.58	3.02	3.47	3.22	4.73	3.74	1.67	2.77	1.50	4.39	2.37	37.22
1922	1.67	1.94	2.96	2.95	5.66	3.72	4.80	5.00	1.95	4.35	0.92	3.93	39.85
Av. 64 yrs.	3.59	3.68	4.04	3.52	4.23	4.15	4.52	4.68	4.12	4.42	4.12	3.76	48.83

RAINFALL AT COLCHESTER, CONN. Elevation, 370 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.66	3.29	4.56	5.38	3.64	3.21	6.33	2.54	3.40	1.57	6.29	3.60	46.47
1922	2.03	2.33	7.05	2.79	5.72	7.38	3.33	7.35	1.83	2.40	1.34	3.58	47.13
1923	8.05	2.56	4.03	6.80	1.65	4.99	3.53	1.55	2.84	7.04	5.01	5.48	53.53
1924	5.59	2.84	2.56	7.30	5.87	2.28	1.68	4.72	4.98	0.37	2.67	2.80	43.60
1925	4.20	2.77	4.73	3.02	3.50	4.43	4.65	2.81	2.98	4.90	4.54	3.90	46.43
Av. 34 yrs.	4.11	3.92	4.51	4.43	3.94	3.21	3.91	4.34	3.63	3.77	3.98	4.21	47.96

RAINFALL AT CORNWALL, CONN. Elevation, 1 300 feet.
(Cream Hill.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.88	3.68	4.24	5.43	2.89	3.66	2.88	4.43	4.01	1.95	5.99	2.52	45.56
1922	2.02	3.03	5.60	2.07	5.44	7.48	3.69	6.21	2.35	2.45	0.93	3.03	44.30
1923	6.96	2.22	3.31	3 17	2.58	2.91	2.65	2.74	4.28	5.76	3.00	4.05	43.63
1924	3.45	2.12	2.02	6.84	5.33	2.28	1.73	3.36	7.88	0.96	3.07	1.82	40.86
1925	2.63	4.17	4.61	2.12	3.59	4.05	5.80	2.02	3.83	4.25	3.86	2.17	43.10
Av. 29 yrs.	3.79	3.35	3.55	4.48	4.27	4.66	3.95	4.08	3.55	3.77	3.40	3.67	46.52

RAINFALL AT ENFIELD, CONN. Elevation, 90 feet.
(Thompsonville.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.81	2.32	1.70	4.14	2.52	4.07	5.81	1.84	2.34	1.53	5.74	2.37	36.19
1922	1.32	1.46	6.59	1.70	3.44	7.18	11.19	3.31	4.17	2.86	1.37	3.94	48.53
1923	6.77	1.60	2.19	4.30	2.81	5.75	2.04	2.52	1.73	6.29	4.24	4.16	44.40
1924	4.93	2.32	0.81	5.56	2.70	2.31	2.06	3.72	4.41	0.15	2.31	1.86	33.14
1925	2.87	2.42	3.90	2.77	2.80	4.30	4.12	1.13	2.73	4.31	2.17	2.48	36.00
Av. 10 yrs.	3.06	2.62	3.01	3.33	3.24	4.48	4.20	2.84	4.15	2.55	3.47	2.86	39.81

RAINFALL AT GREENWICH, CONN.
(Greenwich Water Co.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1885	3.39	4.33	1.14	2.92	1.47	0.88	4.17	6.90	0.82	5.28	4.74	2.94	38.98
1886	3.19	5.22	3.22	3.29	3.69	4.39	3.66	2.28	1.15	1.86	3.68	3.14	38.77
1887	4.29	6.23	3.81	2.94	0.01	7.93	5.75	5.36	2.14	3.13	1.87	4.48	47.94
1888	5.78	4.38	5.68	3.81	5.74	1.84	2.31	7.72	6.52	5.38	3.75	4.72	57 63
1889	4.34	2.16	2.00	5.72	2.43	2.95	13.08	5.40	5.83	4.62	8.17	2.15	58.85
1890	2.60	3.68	5.94	2.85	3.88	5.14	3.72	3.69	5.24	6.84	0.68	3.21	47.47
1891	7.30	4.80	2.23	2.33	1.57	1.12	4.02	2.03	1.48	3.10	2.58	3.87	36.43
1892	4.53	0.98	2.14	1.31	4.37	2.34	3.25	4.35	1.26	0.47	7.65	1.38	34.03
1893	2.36	6.26	3.46	3.41	5.75	2.28	3.14	7.46	2.24	4.32	2.83	3.32	46.83
1894	2.15	3.23	1.21	2.05	4.42	1.78	1.27	2.54	6.87	5.10	4.99	4.40	40.01
1895	4.50	0.71	2.41	3.23	1.95	2.05	4.26	3.87	0.90	3.60	3.39	2.05	32.92
1896	1.20	6.65	6.10	1.12	3.48	4.25	4.41	2.40	4.01	2.06	2.19	1.75	39.62
1897	3.63	2.44	3.36	2.64	7.00	2.58	10.21	2.25	1.63	1.30	5.81	5.30	48.15
1898	4.80	3.90	3.02	3.72	8.01	1.03	7.97	6.40	1.08	7.20	6.20	3.15	56.48
1899	3.86	4.02	5.89	1.70	2.45	3.50	4.11	1.91	5.49	1.40	1.29	1.91	37.53
1900	3.80	5.87	2.59	1.67	3.50	2.19	4.05	2.91	3.61	2.73	5.14	2.19	40.25
1901	1.75	0.77	5.80	7.02	6.36	1.03	3.34	4.41	2.26	3.13	1.27	5.45	42.59
1902	2.28	5.32	5.06	3.36	3.24	4.24	3.35	3.49	6.39	6.34	1.30	6.47	50.84
1903	4.15	4.30	4.99	4.30	0.38	8.25	3.13	10.52	4.25	7.11	1.16	3.16	55.70
1904	3.55	2.88	3.80	4.34	2.01	3.05	2.47	7.38	4.15	2.43	2.17	3.00	41.23
1905	4.30	2.35	4.13	3.20	0.95	2.50	2.78	5.63	4.93	2.39	1.72	3.70	38.58
1906	2.99	2.10	6.90	5.77	5.50	3.32	3.80	1.74	3.03	4.50	1.33	6.20	47.18
1907	3.55	2.45	2.32	3.38	3.42	3.63	0.93	1.34	7.61	4.18	5.18	5.12	43.11
1908	3.63	5.70	3.17	2.56	7.29	1.35	4.02	10.98	1.20	1.66	0.82	2.65	45.03
1909	3.46	4.56	3.70	7.55	1.62	1.86	1.71	6.71	3.22	0.87	1.40	4.05	40.71
1910	6.64	3.84	0.89	3.43	3.07	4.81	1.00	0.97	0.83	1.01	3.76	2.39	32.64
1911	3.13	2.56	3.56	3.20	1.91	2 95	2.91	4.72	3.08	9.53	5.38	2.54	45.47
1912	1.40	2.25	8.82	3.73	3.81	1.30	2.24	4.49	3.17	3.69	4.60	4.74	44.24
1913	3.61	2.17	5.99	5.21	2.61	1.28	1.41	5.16	3.41	9.63	2.81	3.59	46.88
1914	3.63	0.68	1.96	3.64	2.93	1.99	4.87	1.63	0.30	2.62	2.78	3.38	30.41
1915	7.40	5.66	0.19	2.37	3.06	3.68	3.47	9.74	2.34	3.78	1.86	1.59	45.14
1916	1.65	3.78	2.01	0.69	4.05	5.99	6.58	1.91	2.92	1.83	2.66	3.92	37.99
1917	3.59	2.33	4.58	2.10	4.04	3.37	2.00	4.07	1.23	7.67	0.87	3.50	39.35
1918	3.52	2.86	1.31	4.28	1.98	2.67	3.51	3.05	3.58	0.74	2.97	4.34	34.81
1919	3.39	4.98	5.70	3.12	4.90	1.89	6.75	6.12	4,56	4.79	4.79	2.68	53.67

RAINFALL AT GREENWICH, CONN. — *Continued.*
(Greenwich Water Co.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1920	2.54	2.35	2.98	5.47	3.24	6.15	5.54	6.90	7.42	1.27	2.89	4.55	51.30
1921	2.56	2.06	1.83	5.19	3.49	4.93	3.60	3.54	4.11	0.75	4.18	3.26	39.50
1922	1.63	2.70	5.45	1.40	5.28	7.87	8.51	3.51	3.88	2.57	1.43	4.00	48.23
1923	5.44	1.96	3.02	2.23	1.85	3.41	1.45	1.39	2.27	6.29	4.37	4.35	38.03
1924	3.89	1.93	1.71	6.93	5.45	1.47	0.73	6.09	5.03	0.28	4.21	2.39	40.11
1925	2.94	3.54	4.41	1.93	4.26	3.25	9.02	1.21	4.03	4.61	3.82	2.80	45.82
Av. 41 yrs.	3.62	3.44	3.62	3.44	3.57	3.23	4.11	4.49	3.40	3.71	3.29	3.51	43.43

RAINFALL AT HARTFORD, CONN. Elevation, 159 feet.
(U. S. Weather Bureau.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.41	3.82	2.28	4.07	2.82	1.63	4.14	1.29	3.21	1.19	5.28	2.36	34.50
1922	2.19	2.02	5.09	2.46	5.42	6.92	5.16	6.84	2.06	2.48	0.89	4.52	46.05
1923	7.77	1.97	2.96	4.19	2.33	3.84	4.99	2.57	2.39	6.61	4.32	4.84	48.78
1924	3.70	2.98	1.46	5.92	3.70	1.62	0.54	4.95	4.63	0.18	1.96	1.90	33.54
1925	3.95	3.30	3.78	1.97	2.36	3.38	5.68	2.32	2.39	3.92	2.09	2.99	38.13
Av. 27 yrs.	3.47	3.63	4.07	3.81	3.38	3.45	4.04	4.18	3.64	3.20	2.90	3.85	43.62

RAINFALL AT HARTLAND (EAST), CONN. Elevation, 1 200 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	6.40	4.49	2.79	4.02	2.72	6.71	4.75	3.71	2.97	1.51	6.70	1.19	47.96
1922	1.57	1.70	6.05	1.88	6.33	5.70	6.96	4.79	2.04	3.18	1.29	4.03	45.52
1923	6.27	2.56	2.08	4.12	2.82	3.36	4.19	2.88	2.50	7.60	3.77	4.51	46.66
1924	4.10	2.64	0.96	8.28	4.86	1.43	1.48	4.10	6.22	0.09	3.78	2.01	39.95
1925	3.61	3.26	4.89	3.11	2.68	5.04	4.45	1.41	3.61	4.31	3.18	3.80	43.35
Av. 9 yrs.	3.80	3.36	3.90	4.07	4.21	4.77	3.96	3.99	4.20	3.38	3.90	3.49	47.03

RAINFALL AT LAKE KONOMOC, CONN. Elevation, 180 feet.
(New London Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.35	3.23	4.46	6.35	5.10	3.27	5.67	3.86	1.43	0.96	6.57	2.00	46.25
1922	1.77	3.65	2.22	3.07	5.66	8.39	3.16	6.88	1.55	2.24	1.33	2.41	42.33
1923	5.62	2.05	5.35	5.49	1.75	4.88	4.13	1.50	3.58	5.63	3.70	7.06	50.74
1924	4.32	3.40	1.13	6.62	6.14	1.95	0.69	5.44	3.71	0.75	2.67	3.42	40.24
1925	3.30	2.58	3.16	2.93	5.12	2.37	2.78	1.97	3.40	5.55	4.54	4.70	42.40
Av. 12 yrs.	4.21	3.87	4.05	4.30	4.05	3.74	3.87	4.44	3.08	3.00	3.37	4.30	46.28

RAINFALL AT MANSFIELD, CONN. Elevation, 640 feet.
(Storrs.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	2.40	2.49	5.74	2.78	5.30	2.07	3.61	2.46	3.66	3.00	2.58	2.27	38.36
1920	3.02	5.28	3.50	4.64	3.45	7.45	4.08	3.11	7.46	...	...	...	....
1921	...	...	...	...	...	...	...	...	...	...	...	...	....
1922	...	...	6.58	1.67	5.08	5.09	7.05	3.76	6.01	2.87	1.25	3.86	....
1923	6.81	1.87	3.07	6.31	1.47	6.07	3.76	4.53	3.55	6.02	4.35	5.00	52.81
1924	4.47	2.54	1.28	7.32	4.18	1.87	1.09	5.20	4.06	0.15	2.21	1.88	36.25
1925	3.74	2.60	4.58	2.39	3.80	2.87	7.99	1.50	2.84	4.13	3.02	2.80	42.26
Av. 30 yrs.	3.49	3.55	4.05	3.54	3.32	2.90	4.26	3.73	3.59	3.51	3.22	3.65	42.81

RAINFALL AT MIDDLETOWN, CONN. Elevation, 125 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.43	1.69	2.83	4.42	3.58	2.04	5.10	1.41	2.71	1.34	5.23	3.56	36.34
1922	2.13	1.57	3.89	2.90	5.30	7.11	3.45	3.96	2.37	2.64	1.50	3.02	39.84
1923	5.71	1.36	3.46	4.75	2.49	3.82	2.38	1.91	2.08	7.13	3.80	6.36	45.25
1924	4.70	2.81	1.17	2.35	6.26	2.34	0.95	5.93	3.74	1.25	2.40	2.27	36.17
1925	3.41	3.31	4.94	2.13	3.21	2.92	5.03	3.91	4.37	3.32	3.18	2.97	42.70
Av. 67 yrs.	3.96	3.88	4.42	3.52	3.79	3.38	4.11	4.50	3.58	3.97	3.82	3.91	46.84

NEW HARTFORD, CONN. (BAKERSVILLE). Elevation, 710 feet.
(Hartford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.79	2.70	3.12	5.88	2.55	3.81	3.81	2.76	4.45	1.57	5.10	2.16	40.70
1922	1.47	2.13	4.04	2.60	6.32	5.18	4.43	5.99	2.07	5.00	1.31	3.92	44.46
1923	8.77	1.79	2.87	4.31	2.90	3.64	1.66	2.84	2.32	6.31	2.77	4.01	44.19
1924	4.92	2.10	0.93	7.27	4.35	2.47	1.41	4.34	6.18	0.14	3.39	2.11	39.61
1925	3.13	3.46	4.51	1.80	3.14	3.88	4.39	2.51	5.00	3.61	4.01	2.34	41.78
Av. 13 yrs.	3.79	3.02	3.67	3.79	4.06	3.61	3.89	4.06	4.31	3.78	3.31	3.45	44.74

RAINFALL AT NEW HARTFORD, CONN. Elevation, 399 feet.
(Richard's Corner Dam, Hartford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.56	2.80	2.49	5.28	2.48	5.96	3.31	3.20	3.46	1.39	4.50	1.98	39.41
1922	1.53	1.90	4.62	2.83	5.52	4.45	4.56	5.06	2.36	3.83	1.17	3.61	41.44
1923	5.95	1.42	2.57	4.79	2.33	2.69	2.69	2.40	2.96	5.82	3.63	4.26	41.51
1924	4.98	2.24	0.86	7.88	4.01	1.99	0.96	3.28	5.76	0.15	2.96	1.94	37.01
1925	2.74	3.50	4.06	2.57	2.44	4.30	5.18	2.46	4.63	4.08	3.61	2.32	41.89
Av. 13 yrs.	3.23	2.79	3.38	3.95	3.91	3.64	3.72	4.14	4.11	3.39	3.38	3.18	42.82

RAINFALL AT NEW HAVEN, CONN. Elevation, 127 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.78	3.44	2.66	4.98	4.08	3.46	6.60	2.18	2.77	1.53	4.65	2.64	41.77
1922	2.08	2.84	5.01	3.06	4.65	7.32	5.14	3.01	1.86	3.18	1.49	3.70	43.34
1923	7.80	1.62	4.04	4.01	1.94	3.13	1.49	1.17	2.11	7.00	3.75	6.18	44.24
1924	4.50	3.18	1.38	7.17	5.57	1.75	1.17	5.15	3.32	0.23	2.00	2.85	38.27
1925	3.70	3.02	4.21	2.06	4.07	3.35	6.49	2.68	3.47	4.68	3.22	3.44	44.39
Av. 75 yrs.	3.83	3.94	4.00	3.57	3.89	3.21	4.31	4.38	3.57	3.73	3.52	3.72	45.67

RAINFALL AT NEW LONDON, CONN. Elevation, 47 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.89	1.96	2.51	6.92	3.40	4.20	4.99	3.30	2.79	1.45	4.62	2.49	42.52
1922	2.53	3.34	5.45	2.92	4.56	7.43	3.71	5.23	1.38	2.90	1.35	3.21	44.01
1923	7.34	1.99	3.74	3.98	1.51	3.34	2.50	1.19	1.98	7.37	3.34	5.95	44.23
1924	4.73	2.99	1.35	6.02	5.78	2.48	0.44	5.89	3.18	0.20	2.67	2.04	37.77
1925	3.38	2.45	4.08	2.20	4.38	2.50	3.54	2.99	3.54	4.00	3.38	3.17	39.61
Av. 55 yrs.	3.98	3.66	4.12	3.64	3.42	3.12	3.62	4.22	3.37	3.70	3.62	3.64	44.11

RAINFALL AT NORWALK, CONN. Elevation, 116 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.93	3.94	2.68	5.65	3.70	3.51	4.67	2.64	3.95	0.99	4.16	2.70	41.52
1922	1.59	2.77	4.32	2.57	4.41	7.41	5.98	3.31	2.38	2.58	1.55	3.60	42.47
1923	6.85	2.43	4.14	3.61	2.00	3.19	1.52	1.22	2.95	6.36	5.02	4.91	44.20
1924	4.02	3.65	1.31	6.86	6.16	1.41	0.65	5.69	4.71	0.31	1.58	1.97	38.32
1925	3.52	4.06	3.91	1.85	3.78	3.86	11.81	2.15	4.36	5.04	3.40	2.58	50.32
Av. 34 yrs.	3.53	3.59	4.08	3.59	3.95	3.09	4.20	4.63	3.61	3.77	3.31	3.80	45.15

RAINFALL AT NORWICH, CONN. Elevation, 150 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.40	1.66	3.78	4.71	3.80	3.27	5.12	2.10	2.37	0.69	6.39	2.36	39.65
1922	1.22	2.13	3.64	3.08	4.41	5.93	4.13	6.12	1.81	3.35	1.23	2.77	39.82
1923	6.10	1.53	4.31	5.22	1.49	3.71	4.06	1.89	3.60	5.52	4.14	5.21	46.78
1924	3.80	2.34	0.95	4.68	3.93	1.97	1.17	4.86	3.97	0.26	1.81	2.73	32.47
1925	2.60	2.06	3.82	1.98	3.52	3.16	4.03	1.13	2.41	3.95	3.67	3.34	35.67
Av. 55 yrs.	3.88	3.63	4.20	3.74	3.28	3.04	3.72	4.35	3.33	3.67	3.76	3.78	44.38

RAINFALL AT THOMPSON, CONN. Elevation, 400 feet.
(North Grosvenordale.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.06	3.17	2.78	5.04	3.48	3.50	6.57	1.19	1.77	1.08	7.67	2.50	41.81
1922	1.81	2.62	6.39	2.63	3.53	7.25	5.40	5.15	4.64	3.18	1.26	1.82	45.68
1923	7.59	2.06	3.27	5.99	1.20	3.00	3.39	2.83	2.46	5.22	5.62	4.87	47.50
1924	4.54	2.44	1.70	5.58	4.08	1.19	0.87	5.50	4.58	0.17	2.40	1.73	34.78
1925	3.37	2.21	4.97	2.74	2.27	3.97	6.54	3.32	2.91	3.59	2.98	3.30	42.17
Av. 35 yrs.	3.90	3.83	4.16	3.62	3.35	3.31	3.80	3.82	3.53	3.21	3.60	3.68	43.81

RAINFALL AT VOLUNTOWN, CONN. Elevation, 260 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	...	...	...	...	...	...	5.68	1.79	2.23	1.39	8.48	3.00	....
1922	1.97	2.90	6.21	1.64	4.88	7.07	5.68	7.77	3.58	3.07	1.96	2.99	49.72
1923	7.02	1.77	3.86	6.09	1.57	4.88	4.42	2.83	2.82	5.06	4.51	5.55	50.38
1924	5.01	2.80	1.66	5.65	5.00	1.92	1.53	5.66	4.63	0.39	2.45	2.90	39.60
1925	2.74	2.41	4.15	2.38	3.45	2.74	4.42	3.34	2.64	5.21	4.47	3.02	40.97
Av. 39 yrs.	4.38	4.10	4.29	3.85	3.50	2.96	3.78	3.97	3.64	3.78	3.76	4.21	46.22

RAINFALL AT WATERBURY, CONN. Elevation, 400 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.83	2.62	2.45	5.14	4.30	2.44	5.31	1.47	7.50	0.51	2.14	3.35	39.06
1922	1.65	3.00	4.70	3.12	5.35	4.95	3.13	4.94	1.85	2.55	1.39	4.00	40.63
1923	6.56	1.53	3.47	4.14	2.75	3.63	2.71	1.82	2.09	7.95	3.55	3.44	43.64
1924	5.13	2.37	1.80	6.58	5.00	2.44	2.24	5.48	3.89	0.20	3.28	1.90	40.31
1925	4.06	5.00	4.35	1.57	2.83	2.89	6.94	2.67	3.74	3.72	1.62	2.72	42.11
Av. 39 yrs.	4.10	4.01	4.19	3.70	3.88	3.44	4.61	4.40	3.77	3.84	3.39	4.10	47.43

RAINFALL AT WEST HARTFORD, CONN. Elevation, 275 feet.
(West Hartford Reservoir, Hartford Water Works.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.29	2.71	3.14	3.71	2.74	2.11	5.55	1.23	4.06	1.39	4.97	2.62	36.52
1922	1.61	1.77	6.15	1.84	5.27	6.48	5.24	5.70	1.93	2.56	1.10	3.96	43.61
1923	7.23	1.72	2.97	4.62	2.60	4.05	4.18	3.13	2.17	6.72	3.87	5.10	48.36
1924	5.06	2.90	1.30	7.56	4.50	2.18	0.66	4.75	5.12	0.18	2.20	1.87	38.28
1925	3.75	3.59	3.99	2.10	2.56	4.56	7.50	1.25	2.76	4.20	2.71	2.93	41.90
Av. 58 yrs.	3.49	3.40	3.84	3.37	3.59	3.34	4.12	4.37	3.63	3.75	3.57	3.40	43.87

NEW YORK

RAINFALL AT ALBANY, N. Y. Elevation, 97 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.66	2.28	2.80	2.65	1.67	2.69	4.57	2.67	1.44	1.59	5.50	1.19	29.71
1922	2.00	1.46	4.73	2.26	3.68	7.60	1.27	4.19	2.41	1.56	0.90	2.10	34.16
1923	4.65	1.24	1.09	2.63	1.65	3.07	3.89	2.21	4.01	2.86	4.42	3.17	34.89
1924	2.12	1.59	0.63	5.23	2.80	1.86	2.25	3.74	6.40	0.09	2.76	0.99	30.46
1925	2.53	2.06	3.24	3.16	2.01	2.89	3.08	1.77	3.43	2.75	2.93	1.52	31.37
Av. 100 yrs.	2.54	2.40	2.75	2.70	3.38	3.84	3.93	3.73	3.33	3.25	2.93	2.61	37.39

RAINFALL AT BALLSTON LAKE, N. Y. Elevation, 285 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.53	2.52	2.95	3.14	2.80	1.46	8.30	2.79	1.81	2.53	6.63	1.41	36.87
1922	2.23	2.49	4.70	4.48	4.30	6.58	1.65	4.28	1.44	2.55	1.32	2.73	38.75
1923	5.29	1.52	2.02	3.79	2.55	3.68	3.38	3.01	3.71	3.42	3.97	3.91	40.25
1924	2.13	3.08	1.00	5.71	4.41	1.53	2.17	4.01	6.09	0.11	2.39	0.94	33.57
1925	2.27	2.41	4.63	3.10	2.11	6.07	6.77	2.34	5.64	4.05	3.61	2.14	45.14
Av. 21 yrs.	2.49	2.46	2.97	3.03	3.12	3.73	3.81	3.36	3.74	3.07	2.72	2.54	37.04

RAINFALL AT BEDFORD HILLS, N. Y. Elevation, 450 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.90	2.23	3.03	3.38	2.52	3.50	5.81	2.30	1.90	0.90	1.60	**3.76**	33.83
1922	2.73	2.55	5.55	2.65	6.65	7.05	12.40	2.75	2.70	2.25	1.35	4.50	53.13
1923	6.20	2.70	3.15	2.95	1.90	5.10	1.74	1.59	2.83	6.28	3.35	4.30	42.09
1924	5.44	2.95	0.90	3.21	6.15	1.39	1.90	5.93	4.90	**0.23**	**3.05**	**2.55**	38.58
1926	**3.51**	**3.64**	3.76	2.00	3.71	6.13	6.74	2.52	3.57	3.41	4.05	2.86	45.90
Av. 35 yrs.	3.67	3.54	3.63	3.51	4.05	3.61	4.58	4.54	3.86	3.66	3.39	3.63	45.67

RAINFALL AT BOYD'S CORNER RESERVOIR (CROTON WATERSHED), N. Y.
(New York Water Supply.) Elevation, 600 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.82	2.95	4.97	5.14	3.00	4.02	5.92	2.58	3.31	1.74	5.50	2.64	44.59
1922	1.88	2.15	5.80	2.88	5.85	7.34	7.61	4.56	2.08	2.89	1.24	3.72	48.00
1923	5.87	1.83	2.77	3.81	2.77	2.72	2.69	2.24	4.65	7.83	4.75	4.63	46.56
1924	4.69	2.42	1.75	7.56	4.71	2.65	2.80	4.66	8.28	0.15	3.44	2.96	46.07
1925	2.51	4.18	5.22	2.25	3.21	3.78	6.51	2.00	4.85	3.95	3.82	2.16	44.44
Av. 58 yrs.	4.03	3.99	4.30	3.76	3.99	3.56	4.66	4.59	4.23	4.06	3.75	4.08	49.00

RAINFALL AT CARMEL, N. Y. Elevation, 500 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.68	2.55	4.20	5.09	2.23	3.62	4.47	3.40	3.47	1.31	5.09	2.38	40.49
1922	1.52	2.02	5.35	2.56	4.77	8.23	10.79	4.07	2.23	4.74	1.20	3.31	50.79
1923	5.41	1.62	2.47	2.98	2.43	2.77	2.81	2.31	3.65	6.56	3.74	4.09	40.84
1924	4.12	2.24	1.25	5.91	5.24	2.62	3.28	4.66	6.87	0.19	3.70	2.57	42.65
1925	2.11	3.80	4.70	2.03	3.71	3.10	5.87	1.56	3.89	3.56	3.29	2.14	39.76
Av. 34 yrs.	3.83	3.74	4.33	3.73	3.94	3.69	5.06	4.84	4.27	3.84	3.57	3.79	48.63

RAINFALL AT CHATHAM, N. Y. Elevation, 470 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1901	3.02	0.85	2.63	5.06	6.81	2.37	4.08	7.59	3.77	2.29	2.10	5.22	45.79
1902	1.14	2.21	3.47	3.25	2.99	7.01	8.47	3.23	6.14	4.57	0.90	3.40	46.78
1903	1.67	2.61	3.51	2.05	1.25	10.86	8.15	7.30	1.72	6.87	2.45	2.60	51.04
1904	2.70	**3.00**	**2.20**	**3.60**	**1.70**	**5.04**	1.53	3.90	5.32	3.50	2.01	1.46	35.96
1905	3.11	1.04	3.36	2.12	0.94	4.62	2.08	5.33	2.75	3.13	1.58	2.55	32.61
1906	1.43	2.82	2.24	3.30	4.08	3.53	5.37	5.18	2.94	3.22	1.67	2.08	37.86
1907	2.12	1.44	0.84	1.98	3.54	3.77	3.34	0.67	7.62	6.82	3.68	4.16	39.98
1908	2.29	2.76	2.04	1.82	3.77	3.10	2.87	2.57	0.81	2.25	0.66	1.56	26.50
1909	3.73	3.23	2.76	3.30	2.76	6.06	1.89	3.72	3.30	0.87	1.23	2.04	34.89
1910	4.67	3.05	0.97	3.59	3.60	3.17	2.20	2.97	2.91	1.02	2.66	1.47	32.28
1911	2.10	1.61	3.51	1.51	1.00	5.61	2.28	7.00	3.14	4.50	1.70	2.70	36.66
1912	2.19	1.45	3.84	4.52	4.75	1.12	1.54	3.32	3.23	4.68	2.77	3.05	36.46
1913	1.98	2.28	5.27	2.05	3.37	1.15	2.91	1.70	3.04	4.60	1.91	2.16	32.42
1914	1.95	2.28	3.29	5.90	2.77	2.76	3.60	5.01	0.37	1.23	1.76	1.10	32.02
1915	2.85	5.11	0.12	2.03	2.11	3.15	7.45	4.92	2.77	3.17	1.86	7.41	42.95
1916	**1.34**	3.05	4.86	3.93	2.61	3.44	5.23	1.87	5.47	1.78	3.35	2.46	39.39
1917	1.67	**2.18**	2.77	1.81	2.77	4.05	1.99	4.49	0.91	5.43	0.40	2.72	31.19
1918	2.77	1.64	2.93	3.93	5.46	3.03	2.22	2.51	7.91	2.01	2.43	2.54	39.38
1919	2.28	2.44	6.84	2.48	4.15	2.75	3.86	2.45	3.07	2.61	4.82	1.57	39.32
1920	2.66	4.11	4.41	4.68	1.78	5.03	4.31	2.87	4.21	2.85	4.18	3.14	44.23
1921	1.01	3.61	2.42	4.58	1.60	2.19	...	...	...	...	...	...	....
Av 20 yrs.	2.38	2.46	3.09	3.15	3.11	4.08	3.77	3.93	3.57	3.37	2.21	2.77	37.89

RAINFALL AT CHAZY, N. Y. Elevation, 200 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.13	1.32	0.69	1.86	1.66	1.72	2.92	3.36	**1.23**	4.66	1.90	0.65	22.10
1922	0.83	1.55	0.48	2.01	1.15	8.82	1.30	3.98	1.15	**2.16**	0.40	1.55	25.38
1923	2.35	0.60	0.65	1.66	1.95	2.67	1.79	0.62	3.38	2.13	1.89	0.83	20.52
1924	0.65	1.80	T	3.04	2.30	2.49	4.58	2.74	3.44	0.03	3.22	0.93	25.22
1925	3.45	1.37	2.99	0.52	2.28	2.97	2.03	0.64	4.06	3.79	1.84	0.49	26.43
Av. 26 yrs.	1.49	1.33	1.39	1.55	2.48	3.42	3.65	3.14	3.06	2.55	1.61	1.43	27.10

RAINFALL, CROTON WATERSHED.
(New York City Water Supply.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.78	2.93	4.00	4.54	2.46	3.79	4.73	2.42	3.50	1.55	4.64	2.42	39.76
1922	1.79	2.41	6.30	1.75	5.06	6.89	9.91	3.40	2.99	2.87	1.33	4.08	48.78
1923	5.33	1.97	2.90	3.05	2.34	3.49	2.18	2.16	3.78	6.59	3.28	4.14	41.21
1924	4.58	2.60	1.51	6.80	4.67	2.41	2.59	5.20	6.55	0.20	3.90	2.69	43.70
1925	2.83	3.94	4.81	2.20	3.95	4.34	7.10	1.62	3.78	3.59	3.61	2.31	44.08
Av. 58 yrs.	3.97	3.92	4.17	3.63	3.78	3.56	4.68	4.71	4.10	3.89	3.72	3.81	47.94

RAINFALL AT CUTCHOGUE, N. Y. Elevation, 32 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.89	3.31	4.30	3.21	3.33	2.88	5.80	3.60	1.46	1.19	5.52	2.97	41.46
1922	3.18	3.79	4.72	2.89	4.06	5.50	2.56	7.50	1.87	2.46	1.39	3.80	43.72
1923	5.88	2.48	4.02	4.22	0.95	4.08	2.83	1.66	3.18	6.36	3.66	5.41	44.73
1924	4.60	3.92	1.44	4.69	3.40	3.68	0.57	6.49	4.30	0.46	1.87	2.76	38.18
1925	3.81	1.48	2.37	2.36	4.58	2.44	3.60	2.29	3.50	5.81	4.15	1.87	38.26
Av. 27 yrs.	4.25	3.83	4.47	4.05	3.28	3.36	3.37	3.88	3.50	3.33	3.21	4.56	45.09

RAINFALL AT DANNEMORA, N. Y. Elevation, 1 440 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.65	3.29	2.48	2.43	0.58	3.51	4.83	2.70	1.81	4.54	5.24	4.33	38.39
1922	4.95	5.30	3.37	2.97	3.80	7.72	1.01	4.15	0.88	3.89	1.61	2.79	42.44
1923	3.65	2 46	2.65	2.81	2.80	4.40	2.11	3.98	3.82	4.28	3.22	2.61	38.79
1924	4.32	4.08	2.08	4.04	4.76	3.18	8.98	4.42	6.37	1.50	3.12	1.98	48.83
1925	2.30	1.88	4.79	1.36	3.30	3.48	4.25	3.16	7.38	3.20	2.27	1.88	39.25
Av. 20 yrs.	2.66	2.74	2.69	2.62	3.28	3.60	3.73	2.84	2.75	3.33	2.70	2.93	36.87

RAINFALL, ESOPUS WATERSHED.
(New York City Water Supply.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.93	3.76	4.74	6.04	2.93	2.82	5.79	3.50	3.72	2.29	6.31	2.92	46.75
1922	1.73	2.24	6.51	2.52	6.22	7.77	3.13	5.63	1.62	2.93	1.10	4.09	45.49
1923	5.12	2.02	1.84	3.03	3.06	4.29	3.37	3.93	4.84	5.10	4.86	4.75	46.21
1924	4.90	2.62	1.29	7.65	6.76	3.00	3.05	4.33	11.59	0.08	3.29	1.98	50.54
1925	3.09	2.36	5.09	2.88	2.60	3.88	6.31	2.11	4.89	4.28	6.22	2.76	46.47
Av. 20 yrs.	3.56	3.23	3.75	4.24	4.07	4.17	4.46	4.29	4.68	3.84	3.83	3.63	47.75

RAINFALL AT FLUSHING, N. Y. Elevation, 60 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.57	4.46	2.69	3.59	4.30	2.94	3.11	4.92	3.36	0.89	3.88	2.49	39.20
1922	2.29	3.36	4.60	2.00	4.54	6.95	5.49	4.97	2.71	1.87	1.24	3.50	43.52
1923	7.51	2.36	4.44	2.52	1.93	2.10	4.56	1.29	2.93	4.88	2.91	4.63	42.06
1924	4.60	4.92	1.84	6.31	5.27	3.34	0.53	5.68	3.53	0.25	2.31	2.48	41.06
1925	4.16	2.33	3.79	1.89	2.58	3.08	5.90	1.18	2.06	4.68	3.52	3.19	38.36
Av. 18 yrs.	3.75	3.52	4.48	3.30	3.33	3.71	4.27	3.90	3.47	2.91	2.82	3.67	43.13

RAINFALL AT GLENS FALLS, N. Y. Elevation, 349 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.75	1.86	3.81	2.65	1.81	3.61	5.67	2.37	3.02	2.54	5.84	2.27	37.20
1922	2.90	2.75	4.89	4.57	4.69	5.62	3.72	5.84	1.88	2.57	1 39	2.87	43.69
1923	3.46	1.49	1.99	2.46	3.06	4.13	4.14	3.40	4.51	2.46	1.93	2.13	35.16
1924	3.77	3.73	0.61	6.64	5.08	1.47	4.87	4.54	6.06	0.12	2.20	1.60	40.69
1925	3.15	3.32	3.92	3.95	2.04	6.20	6.20	3.67	5.16	3.89	4.63	2.75	48.88
Av. 32 yrs.	2.96	3.01	3.43	2.92	3.19	3.66	3.97	3.83	3.60	3.00	3.08	3.04	39.69

RAINFALL AT HARKNESS, N. Y. Elevation, 622 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.30	1.46	1.85	1.97	0.77	1.87	2.98	1.26	1.23	2.26	3.11	0.20	19.26
1922	0.99	2.07	1.56	2.84	1.97	7.31	0.95	3.12	1.50	2.16	1.15	1.19	26.81
1923	1.94	0.74	1.63	2.16	1.91	3.37	1.11	1.16	2.81	2.04	2.04	0.93	21.84
1924	1.04	2.35	0.18	2.95	2.63	2.01	1.88	1.86	4.51	1.27	2.94	0.44	24.06
1925	3.55	1.33	3.14	1.02	2.00	3.47	4.13	3.37	6.75	3.14	1.61	0.75	34.26
Av. 23 yrs.	1.39	1.54	1.73	2.05	2.28	3.01	3.06	2.53	3.31	2.62	1.77	1.49	26.78

RAINFALL AT HOOSICK FALLS, N. Y. Elevation, 410 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1903	...	...	...	0.51	0.30	7.28	2.53	6.08	1.56	4.08	2.14	1.73	....
1904	1.94	1.48	0.88	3.24	2.78	5.70	4.66	3.28	6.54	3.61	1.12	1.96	37.19
1905	2.96	0.80	3.06	1.96	2.49	5.51	5.97	6.67	4.71	2.55	2.51	2.58	41.77
1906	1.43	3.20	3.15	2.48	6.08	7.18	3.91	2.90	3.10	3.02	2.00	1.62	40.07
1907	2.77	0.95	1.68	2.68	2.81	4.83	8.36	2.12	6.14	5.26	2.63	3.16	43.39
1908	1.49	2.04	3.19	3.26	4.56	2.19	3.36	5.59	0.63	1.20	1.23	1.56	30.30
1909	4.51	4.73	2.55	2.61	3.00	3.40	2.05	4.30	4.10	1.43	1.64	2.39	36.71
1910	4.17	3.80	0.87	3.13	4.64	3.13	2.14	2.32	3.68	2.53	3.97	2.29	36.67
1911	2.91	0.89	3.79	1.19	2.44	5.21	3.07	4.45	4.99	5.03	2.30	2.78	39.05
1912	2.23	1.39	4.35	3.74	4.73	1.45	2.81	2.81	4.18	4.99	1.57	2.80	37.05
1913	3.00	2.11	4.43	2.87	3.28	1.21	3.11	2.54	1.73	5.85	2.33	0.97	33.43
1914	1.44	2.19	3.67	6.07	1.60	2.17	3.36	4.65	0.99	1.30	1.47	1.25	30.16
1915	2.37	3.96	0.26	1.99	1.69	1.04	11.30	3.31	3.67	1.62	2.68	5.04	38.93
1916	2.07	2.62	3.93	2.52	2.10	2.38	6.00	2.38	4.46	0.70	3.21	4.43	36.80
1917	2.56	1.40	2.44	1.56	2.51	2.79	2.85	4.00	0.83	4.73	1.01	1.76	29.44
1918	2.28	2.14	2.88	2.16	3.28	2.55	1.32	0.49	6.36	2.09	1.96	1.94	29.45
1919	2.07	1.37	3.94	1.96	4.34	1.67	4.21	4.08	4.65	3.45	5.03	1.56	38.33
1920	1.68	4.90	3.33	4.72	3.27	3.07	3.89	2.31	3.01	3.25	4.49	**3.83**	41.75
1921	1.01	1.95	3.09	2.41	1.63	6.00	5.04	3.36	1.45	2.19	5.45	1.07	34.65
1922	1.85	1.84	3.27	...	...	...	...	...	...	...	...	...	....
1923	3.80	...	...	...	...	...	...	...	...	...	...	2.40	....
Av. 18 yrs.	2.38	2.33	2.86	2.81	3.18	3.47	4.30	3.42	3.62	3.05	2.59	2.39	36.40

RAINFALL AT HUDSON, N. Y. Elevation, 165 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.65	3.30	2.81	4.61	1.81	2.04	4.34	3.32	1.81	1.71	5.72	1.40	34.52
1922	1.58	1.88	4.35	3.93	3.67	7.45	3.11	7.84	1.29	1.86	0.46	2.65	40.07
1923	5.45	1.53	1.22	2.49	1.81	4.23	2.45	2.74	4.56	2.80	3.65	1.84	34.77
1924	2.02	2.33	0.43	6.24	3.03	2.03	3.46	3.81	6.66	0.25	2.71	1.10	34.07
1925	4.18	2.58	4.64	2.60	2.70	4.25	4.57	2.05	4.34	3.06	4.57	2.34	41.88
Av. 25 yrs.	2.50	2.66	3.11	2.98	2.88	3.60	3.21	4.11	3.54	3.74	1.93	3.23	37.49

RAINFALL AT LAKE GEORGE, N. Y. Elevation, 350 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1922	**2.40**	2.31	2.58	4.67	2.45	5.26	1.03	3.62	1.36	2.34	2.22	**3.21**	33.45
1923	**4.59**	1.42	2.78	2.73	2.66	2.35	4.72	1.87	**3.89**	2.96	4.30	1.38	35.65
1924	3.72	2.82	0.28	6.62	5.71	1.58	3.04	4.08	5.17	0.41	3.09	0.78	37.30
1925	3.60	1.35	4.21	3.24	2.79	0.91	0.70	2.18	6.85	3.06	4.97	2.44	36.30
Av. 26 yrs.	3.18	3.41	3.45	3.97	3.37	3.79	3.88	3.82	3.74	3.39	2.86	3.33	41.29

RAINFALL AT MECHANICSVILLE, N. Y. Elevation, 60 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	0.42	1.47	1.92	3.41	2.08	1.76	5.05	4.20	0.93	2.87	5.73	1.06	30.90
1922	1.29	1.98	4.25	3.91	4.56	6.97	1.60	3.85	1.84	2.34	1.30	2.12	36.01
1923	4.04	1.31	0.84	3.34	2.08	3.65	4.21	2.22	3.57	2.78	4.36	3.45	35.85
1924	2.05	1.80	0.47	4.47	3.74	1.57	2.37	4.45	4.43	2.01	2.43	0.79	30.58
1925	2.66	2.14	3.63	3.40	2.80	4.68	4.82	1.91	5.36	3.60	3.04	1.89	39.93
Av. 15 yrs.	1.98	1.87	2.64	3.11	2.99	3.13	3.37	3.10	3.70	3.21	2.86	2.08	34.04

RAINFALL AT MEDFORD, N. Y. Elevation, 110 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	4.14	4.04	3.76	4.74	5.24	3.72	5.26	4.31	1.22	1.45	5.31	2.72	45.91
1922	4.33	3.06	4.74	3.07	4.86	8.59	3.74	5.38	1.88	2.41	1.59	4.35	48.00
1923	7.57	1.98	5.55	5.01	2.37	3.53	2.88	1.70	4.97	6.36	2.97	5.06	49.95
1924	5.07	4.32	1.58	6.04	5.77	4.80	0.34	4.85	2.59	0.64	2.30	2.85	41.15
1925	2.00	2.43	2.77	2.54	3.62	3.05	4.50	2.98	3.26	5.86	4.28	3.12	40.41
Av. 12 yrs.	4.34	3.23	3.80	4.07	4.06	4.11	4.47	4.46	3.08	3.14	3.18	4.46	46.40

RAINFALL AT MT. HOPE, N. Y. Elevation, 200 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.48	3.09	2.97	5.30	5.11	5.73	5.28	4.96	2.88	1.14	4.50	2.62	47.06
1922	1.59	3.33	5.79	3.33	5.11	7.25	8.26	3.55	3.61	2.22	1.38	2.57	47.99
1923	6.72	3.16	3.86	3.60	2.26	2.14	1.92	2.14	3.32	5.97	3.88	4.84	43.81
1924	3.84	4.21	1.21	5.23	4.20	2.66	1.49	5.35	5.55	0.00	2.75	2.04	38.53
1925	3.42	1.95	5.89	2.33	4.14	3.29	9.20	1.36	1.55	5.88	4.64	5.78	49.43
Av. 29 yrs.	3.71	3.74	4.31	4.17	4.29	4.14	5.06	4.78	3.64	4.14	3.19	4.23	49.40

RAINFALL IN VICINITY OF NEW YORK CITY. Elevation, 97 feet.
(Central Park Observatory.)

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec*	Annual
1919	3.51	3.84	5.96	2.88	4.15	3.84	8.50	5.82	4.88	3.59	3.55	2.77	53.29
1920	2.09	6.41	4.75	5.28	3.23	5.02	6.20	3.91	4.76	1.25	4.14	6.16	53.20
1921	2.94	5.41	2.88	3.17	4.14	2.79	2.02	4.57	2.81	0.88	3.81	2.34	37.76
1922	2.73	3.35	5.52	2.02	3.76	6.88	7.49	2.86	3.42	1.48	1.29	3.86	44.66
1923	6.99	2.53	4.16	2.37	1.84	3.01	2.77	1.23	2.65	5.40	3.19	4.43	40.57
1924	4.90	4.35	2.08	6.05	6.34	2.78	0.89	5.84	3.58	0.28	2.16	2.47	41.72
1925	5.42	2.43	4.07	2.00	3.36	3.60	5.77	1.72	2.31	4.52	2.93	3.30	41.43
Av. 90 yrs.	3.50	3.53	3.76	3.53	3.88	3.75	4.19	4.45	3.59	3.67	3.42	3.71	44.98

RAINFALL AT RHINEBECK, N. Y. Elevation, 155 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1922	2.16	2.53	5.15	3.64	3.47	6.13	3.12	6.28	2.24	2.58	0.76	3.39	40.45
1923	5.45	1.39	2.07	2.82	2.05	4.82	4.34	3.06	3.72	4.81	4.80	4.23	43.56
1924	3.48	2.30	1.02	6.63	4.72	1.99	3.61	2.93	5.33	0.08	3.67	1.78	37.54
1925	3.99	1.96	5.27	2.43	3.08	2.95	5.29	2.12	4.76	3.56	3.64	2.51	41.56
Av. 6 yrs.	3.62	2.43	3.12	3.44	3.47	3.71	3.39	3.76	3.64	3.01	2.73	2.88	39.20

RAINFALL AT ROSLYN, N. Y. Elevation, 215 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1922	2.23	3.69	4.33	3.98	4.23	7.93	4.96	5.13	3.17	2.84	1.43	3.04	46.96
1923	7.51	2.91	4.24	3.00	1.85	4.66	2.19	1.52	3.96	...	3.75	4.34	39.93
1924	4.36	4.16	1.75	6.41	5.57	3.58	1.41	5.35	4.13	0.37	3.80	2.47	43.36
1925	3.63	2.80	4.00	2.06	2.70	3.62	4.29	4.63	2.54	5.40	3.49	3.29	42.45
Av. 11 yrs.	4.27	3.43	4.07	3.76	3.63	3.67	3.25	4.04	3.30	3.16	2.60	3.99	43.17

RAINFALL AT SCARSDALE, N. Y. Elevation, 240 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.65	3.35	3.28	4.71	4.52	5.13	3.94	4.57	2.78	0.97	5.84	2.27	45.01
1922	1.65	1.30	2.25	1.65	4.05	7.71	9.25	3.49	3.37	2.95	1.61	3.30	42.58
1923	9.76	3.81	3.36	3.09	1.93	2.21	3.20	1.88	4.58	5.34	3.75	6.43	49.34
1924	4.45	4.38	1.22	5.34	6.12	2.61	0.96	4.97	5.44	0.26	2.39	2.53	40.67
1925	4.90	3.47	4.33	1.75	3.42	3.33	8.84	2.29	3.48	4.99	2.14	2.50	45.44
Av. 21 yrs.	3.89	3.25	3.61	3.51	3.53	3.29	4.23	4.23	3.31	3.25	2.98	3.76	42.84

RAINFALL AT SETAUKET, N. Y. Elevation, 40 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	3.16	3.72	3.52	3.95	4.10	3.24	6.76	5.26	1.84	1.13	4.88	2.66	44.22
1922	2.54	3.36	4.75	2.70	4.55	6.34	3.20	3.85	2.29	2.63	2.22	3.55	41.98
1923	7.25	2.22	5.03	4.36	1.88	4.63	1.38	1.06	4.64	8.07	3.15	4.76	48.43
1924	4.72	3.72	1.48	5.87	5.08	2.42	0.40	5.63	3.52	0.23	2.52	2.59	38.18
1925	3.50	2.78	3.12	2.61	3.65	2.08	4.54	2.35	2.09	4.16	4.18	3.53	38.59
Av. 40 yrs.	4.03	3.88	4.20	3.76	3.49	2.86	4.12	4.17	3.48	3.95	3.52	3.96	45.42

RAINFALL AT SOUTHEAST RESERVOIR, N. Y. Elevation, 380 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.76	3.02	3.46	4.55	2.37	3.39	5.79	2.16	3.69	1.25	4.52	2.25	39.21
1922	1.86	2.21	5.41	2.67	4.24	6.94	8.79	3.69	2.56	3.34	1.26	3.79	46.76
1923	5.95	1.64	2.70	2.97	2.29	2.70	2.23	2.28	3.97	6.23	2.78	3.91	39.65
1924	4.42	2.65	1.21	6.31	4.13	2.41	2.74	4.25	5.72	0.14	3.91	2.60	40.49
1925	2.56	3.78	4.47	2.20	3.76	3.83	6.28	1.31	3.45	3.25	2.28	2.55	39.72
Av. 30 yrs.	3.70	3.69	4.23	3.73	3.92	3.70	4.63	4.50	3.98	3.72	3.21	3.80	46.81

RAINFALL AT SPIER FALLS, N. Y. Elevation, 400 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	1.02	2.07	2.28	2.25	2.65	2.54	3.79	2.49	4.04	3.57	6.21	2.33	35.24
1922	1.90	3.26	3.99	3.54	3.28	5.54	2.58	5.00	1.54	2.61	1.48	3.55	38.27
1923	5.71	1.60	3.17	3.95	1.91	2.57	2.82	1.86	3.27	2.40	4.60	3.60	37.46
1924	3.43	2.34	0.55	6.40	4.37	1.25	3.96	3.05	4.90	0.34	2.31	1.68	34.58
1925	3.33	2.46	4.85	2.96	2.38	7.83	6.04	2.94	3.73	3.30	4.24	2.12	46.18
Av. 24 yrs.	2.96	3.17	3.50	2.96	3.23	3.70	3.71	3.10	3.58	3.34	2.77	3.25	39.27

RAINFALL AT TROY, N. Y. Elevation, 86 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	**0.60**	**2.40**	2.80	2.40	0.82	1.77	4.41	1.72	1.47	2.55	4.99	0.95	26.88
1922	1.42	1.33	4.33	1.92	3.60	8.07	1.13	3.60	1.62	1.78	1.10	2.35	32.25
1923	4.78	0.80	1.06	2.58	1.84	3.25	4.37	2.62	3.24	2.70	4.21	2.58	34.03
1924	1.83	1.73	0.53	5.18	2.36	1.47	4.00	4.09	6.20	0.10	2.53	0.89	30.91
1925	2.56	2.15	2.99	3.24	2.47	3.36	3.34	2.02	3.82	2.80	2.19	1.58	32.52
Av. 13 yrs.	1.90	1.99	2.82	2.92	2.96	2.70	3.10	3.05	3.40	2.48	2.67	1.95	31.94

RAINFALL AT WAPPINGERS FALLS, N. Y. Elevation, 110 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	2.01	3.92	2.98	4.44	2.02	3.14	4.99	3.08	3.53	2.30	6.52	1.60	40.53
1922	2.25	1.98	4.43	2.99	3.48	5.18	4.12	3.42	1.72	1.97	1.13	3.91	36.58
1923	5.02	1.78	2.59	2.27	2.37	3.07	3.11	1.47	4.39	5.67	2.79	3.79	38.32
1924	3.11	2.34	1.27	5.18	5.39	2.31	2.99	2.82	5.50	0.19	3.38	2.08	36.56
1925	3.48	3.14	4.54	1.83	2.95	3.98	4.38	2.03	3.94	3.66	2.48	2.11	38.52
Av. 35 yrs.	3.63	3.79	3.70	3.62	4.21	4.06	4.59	4.33	3.77	3.77	3.21	3.65	46.33

RAINFALL AT WEST POINT, N. Y. Elevation, 167 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1921	6.05	4.85	**3.62**	5.54	1.84	3.07	4.00	2.43	4.40	2.95	5.55	3.40	47.70
1922	2.27	3.05	5.60	2.00	2.10	6.04	5.34	1.20	2.85	1.50	0.25	1.94	34.14
1923	3.80	2.48	2.33	0.91	**2.17**	**3.93**	1.54	0.70	5.35	3.50	**3.54**	2.35	32.60
1924	**4.78**	2.22	0.93	5.57	3.65	2.25	2.31	3.76	9.33	0.00	**3.70**	2.52	41.02
1925	2.22	4.75	5.10	1.66	1.50	1.88	4.64	1.22	3.59	2.82	1.01	1.25	31.64
Av. 76 yrs.	3.51	3.72	3.62	3.69	4.37	4.37	3.56	4.13	3.67	3.73	3.32	3.58	45.27

RAINFALL AT YONKERS, N. Y. Elevation, 100 feet.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1919	3.45	2.65	5.06	2.70	3.50	1.47	5.87	5.10	4.05	3.41	2.38	2.15	41.79
1920	2.05	2.02	3.25	1.78	1.97	5.09	4.28	4.43	4.28	0.09	1.62	4.03	34.89
1921	2.36	2.01	1.88	2.08	0.92	3.42	2.93	2.73	1.32	0.88	3.81	1.11	25.45
1922	2.54	1.11	3.19	0.54	5.32	6.88	**8.11**	4.39	3.89	1.96	1.14	2.25	41.32
1923	5.27	2.25	2.02	2.31	1.75	2.29	**2.59**	0.41	2.38	4.30	3.43	3.95	32.95
1924	4.30	2.94	1.08	6.83	4.85	3.16	0.46	4.90	4.27	1.70	3.19	2.37	40.05
1925	2.30	4.63	7.75	2.00	4.16	3.42	5.18	3.88	4.16	4.63	4.46	2.97	49.54
Av. 48 yrs.	4.45	3.95	4.21	3.58	3.67	3.62	5.05	4.85	3.74	4.15	3.22	3.90	48.39

CANADA.

	Brome, Que.	Chatham, N. B.	Father Point, Que.	Fredericton, N. B.	Halifax, N. S.	Montreal, Que.	Point Lepreaux, N. B.	Quebec, Que.	Sherbrooke, Que.	St. John, N. B.	Whitehead, N. S.	Yarmouth, N. S.
1919	41.86	35.95	29.81	42.45	56.55	40.45	51.94	43.14	33.52	48.14	39.70	56.17
1920	42.05	51.62	28.59	45.78	50.95	41.01	52.40	47.34	39.09	51.55	30.88	45.35
1921	25.27	35.22	31.22	33.64	43.66	31.01	31.26	37.58	28.50	38.68	34.42	33.86
1922	38.94	35.12	28.27	36.96	50.30	36.82	38.95	35.17	35.69	46.40	45.81	44.26
1923	40.92	30.82	37.88	38.08	52.77	42.33	39.87	45.95	37.55	44.75	43.25	44.88
1924	45.99	31.29	34.60	33.23	47.56	46.61	28.26	44.82	36.81	39.08	34.08	39.56
1925	56.40	39.45	38.38	43.51	50.53	41.97	38.06	42.69	41.35	49.58	30.12	42.63
Av.	35.32	41.30	34.49	43.11	55.40	40.56	42.65	41.51	37.57	49.54	39.29	47.24
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"Save the Surface and You Save All!"

EVERY Superintendent should keep this slogan in mind when buying water meters.

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A Balanced Disc Piston which eliminates friction and accounts for the almost perfect accuracy of Hersey registration is another feature only to be found in Hersey Meters. These details of construction are of vital importance when you come to invest in new equipment.

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Here is an actual photograph of a LAMBERT Frost-proof Meter which has been frozen to an extent that would put the ordinary meter completely out of commission.

This is made possible by a patented, non-corrosive yielding bolt device which allows the upper and lower casing, disc chamber and gear train to part without damaging the meter in any way. Five minutes' labor the only repair cost.

The expense and annoyance from frozen water meters can be eliminated for all time through the installation of the LAMBERT Frost-proof.

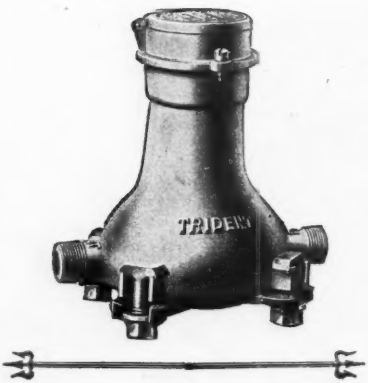
It has been proved that the LAMBERT is the easiest water meter to take apart and put together again as well as the simplest, most reliable and accurate.

If you are interested in other types of meters, we make one for every requirement.

THOMSON METER CORPORATION

SALES OFFICE: 50 EAST 42nd STREET, NEW YORK CITY, N. Y.

LAMBERT FROST-PROOF METERS



Neptune Trident Meters

Built for Accuracy and Durability

A WATER meter is either a perfect measuring instrument, or it is not. A meter must be of the highest standard in every detail of construction to withstand the exacting requirements of its service, or it will prove an unprofitable investment.

Neptune Trident Meters are mechanically correct water-measuring instruments—due to engineering skill in design, quality of materials used in every unit, and 100 per cent precision methods in manufacture.

Trident Meters are built to render accurate, dependable service in the measuring and conservation of water—to guarantee a maintenance economy that cannot be equalled, over a long period of years. The cost of Trident Meters is an investment assuring definite dividends and savings.

Before you select a meter, study the results in any city where Tridents are in use. This will convince you that Trident Meters are the standard in their field.

AQUAFAX is a 56-page, monthly magazine giving current news and accurate information regarding the conservation of water. The regular subscription price is $3.00 per year, but it will be sent free upon request to engineers, municipal heads and civic organizations.

Send for a copy of the 86-page book illustrating and describing all types and sizes of Neptune Trident Meters.

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Pioneers in Meter Progress

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The TROPIC — An all-bronze Water Meter, with connection spuds attached to the lower case. Particularly designed for warm sections of the country.

TROPIC

ARCTIC

The ARCTIC — A frost-bottom meter, especially designed for cold sections of the country.

These two meters embody exactly the same mechanical features, the only difference being the changes necessary to provide a frost breaking feature in the Arctic.

Either of these meters will be equipped with a COMPLETELY ENCLOSED intermediate train RUNNING IN OIL, if desired.

Write or wire nearest office for full information.

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The Worthington meter line is complete. It includes a meter for every possible service and condition.

Disk Meters—both frost-proof and for warm climates

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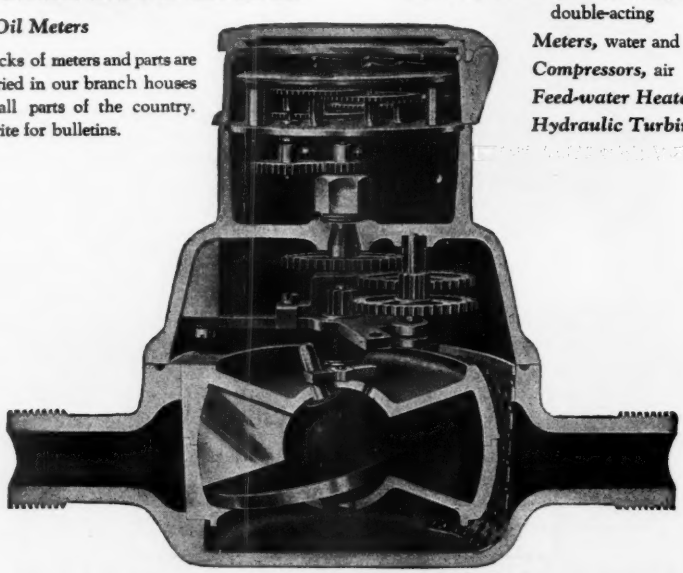

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For ages man struggled to solve the apparently simple problem of the flow of a stream of water.

Back in the glorious Roman days, some 1800 years ago, water was sold from the great aqueducts by letting it run through a short, straight tube, or "measuring pipe," as it was called, to each consumer.

Unquestionably the Romans realized that the pressure affected the quantity of water supplied, but they took no account of this fact. Therefore the consumers near the source of supply obtained, for an equal price, more water than their neighbors farther down stream.

Some attempt even was made by the Water Department of the city to control the amount used and curb the theft of water by consumers.

At the completion of the Empire's downfall, however, the laws of flowing water still remained unfathomed.

Today the Venturi Meter stands guard over the water supply of thousands of towns and cities throughout the world — showing the amount of water furnished daily — immediately disclosing pipe line breaks and other wastage — checking the performance of pumps — recording the hourly day and night rates of consumption — controlling the rate of filtration — guiding sewage disposal — furnishing reliable data for future water provision, etc.

Are YOUR water and sewage departments fully Venturi-equipped?

May we discuss with you your water measurement and conservation problems?

Builders Iron Foundry
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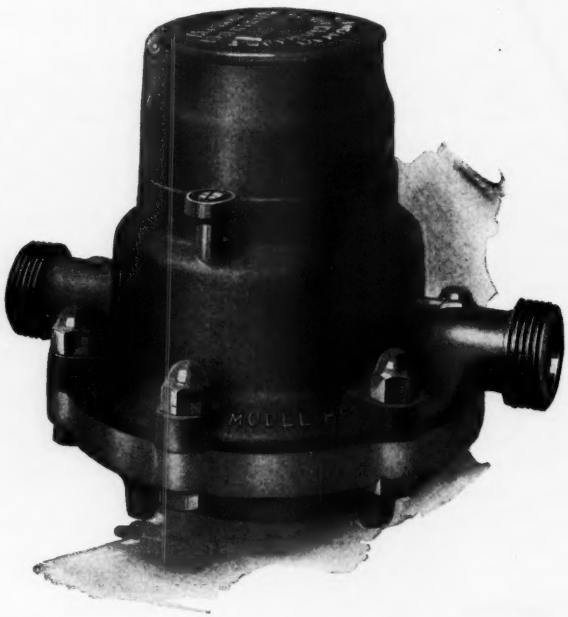
AMERICAN AND NIAGARA WATER METERS



American and Niagara meters are made in solid casing types and frost bottom types. The illustration above shows a $^5/_8$" x $^3/_4$" meter of the frost bottom type. Those meters having bronze outside casings are known as Americans and those having galvanized cast-iron outside casings are Niagaras. The works in all the different casings are of one best model and interchangeable. The registers may be either round reading or straight reading and may indicate cubic feet, U. S. gallons, imperial gallons or litres. All Niagara and American meters are tested and adjusted according to the requirements of the Standard Specifications for water meters adopted by the New England Water Works Association and the American Water Works Association.

Write for large catalog and prices.

BUFFALO METER CO.

ESTABLISHED 1892

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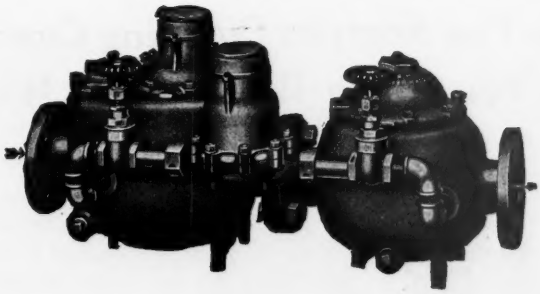


The New Nilo

The new improved **Nilo Compound Meter** now comes equipped with a bronze body. This is a valuable addition to meter service for it eliminates the danger of corrosion and filling up due to the collecting of corrosive matter. Bronze being stronger than iron the gross weight of the meter is less, making it easier to transport, handle and install.

It also has two gate valves which allow the removal of the by-pass meter for cleaning or repairing without shutting off the line.

The controlling valve mechanism of the new **Nilo Compound Meter** is self contained and easily detached from the main body casings.

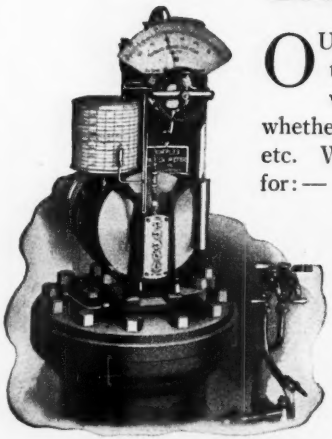
These three improvements make the **Nilo,** a long standing favorite, the unrivaled leader in its field.

UNION WATER METER CO.

Incorporated 1868

WORCESTER, MASSACHUSETTS

Is Your Pressure Low?
Are You Short on Pumping Capacity?
Do You Know Where Your Water Goes?



OUR Engineering Department will tell you how to determine your water distribution, how to find out whether or not new mains are required, etc. We can supply you with the means for: —

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VENTURI, PITOT TUBE OR ORIFICE TYPES

THE importance of exact measurements by means of a Simplex Meter cannot be over emphasized. Mr. Jeffries, Chairman of the West Chester, Pa. Water Works Committee, was able, by checking the performance of his pumping engine with a Simplex Meter, to discover that due to the imperfection and wear in the valves the slippage amounted to 300,000 gallons of water per day. This represented a daily loss of $30.00, or in other words a daily saving of $30.00, or $900.00 per month, when the valves were put in order. The Simplex Meter thus paid for itself in a month's time.

Frequent repeat orders from satisfied customers who formerly used other meters are the best evidence of merit of the Simplex Meter.

We have had many years' experience in solving water flow problems involving all sorts of conditions, and we are at all times prepared to submit general layouts involving cost and capacity, and to make explicit and complete recommendations. Write for Bulletin N26.

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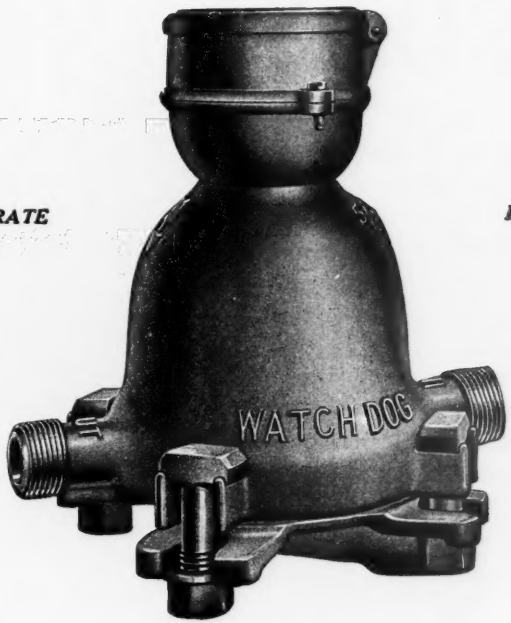

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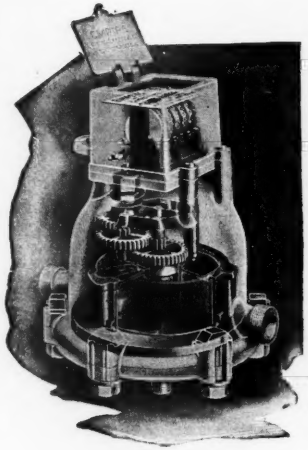
WATER METERS

We have been studying, designing, making and selling water meters ever since 1870. Our factory is fully equipped with every modern facility for turning them out promptly, in any desired quantities; and we make all wanted sizes, in six distinct types.

We do not wish to make any extravagant claims for our goods, but we suggest that such long experience with the problems of meter users has a distinct value to any meter buyer, and it is always at your service without obligation.



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Oscillating Piston Meter

Our price list contains illustrations and short descriptions of all our meters. Just drop us a postal today for a copy.

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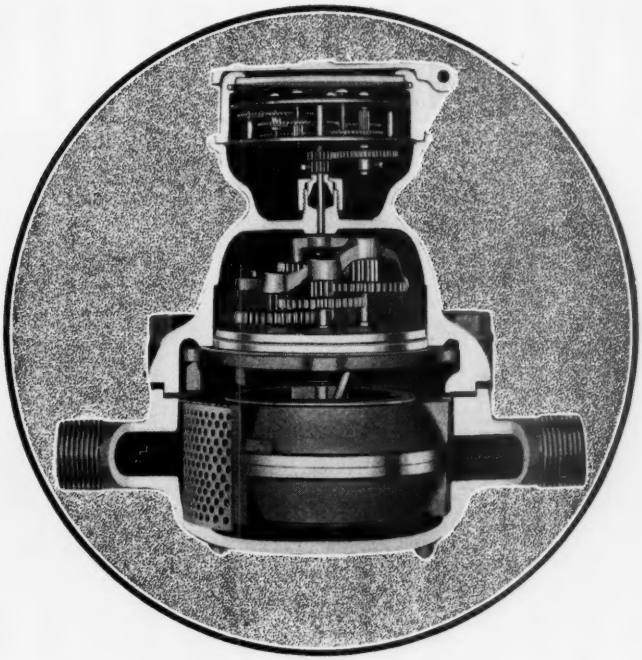

Badgers Lead!

City after city is standardizing on Badger Meters. But only after careful study — careful test — careful comparison of maintenance costs.

This ever-increasing popularity is gratifying — but not surprising. For Badgers are built up to the highest standards known to meter manufacturers — manufacturers who build nothing else.

Take for example the Model "SC" shown above — it is different from ordinary meters of this type and size. It is **designed** for a certain service. Its sturdy construction — heavy bronze housing — a housing that will not distort — in every particular, a **lifetime meter.**

All Badger types embody advantages of design and construction that permit them to stand out prominently in the general meter field. They are built to give long years of service — accurate registration — lowest maintenance cost — practical design — simplest construction — and are **built to last.**

There are interesting reasons why many cities have been Badger-equipped. Let us tell them to you — show you what Badger Meters will do on your lines.

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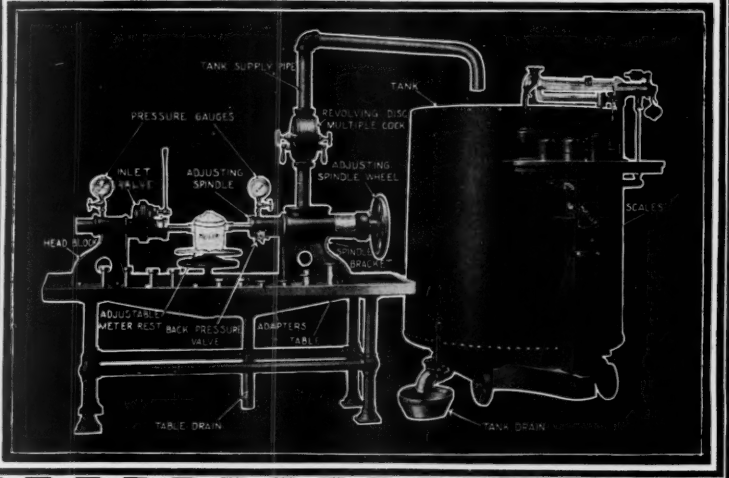

The People Demand Increased Efficiency

You can make sure your Department gets full revenue for every gallon of water used—by seeing that all meters are regularly tested for accuracy—with the

Mueller Water Meter Tester

The Mueller will prove exactly what each meter does—will enable you to adjust each meter to absolute accuracy—will save more than its cost year after year. Used and endorsed by leading municipalities. The name Mueller guarantees both Quality and Service.

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WATER WORKS
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First. — We make a specialty of furnishing Complete Water-Works Pumping Units of all types.

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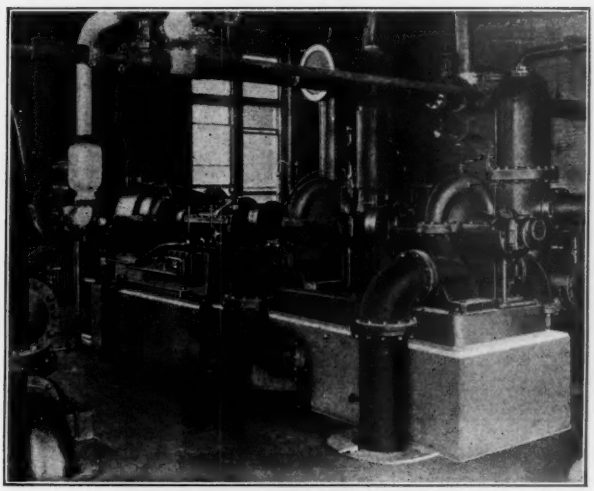


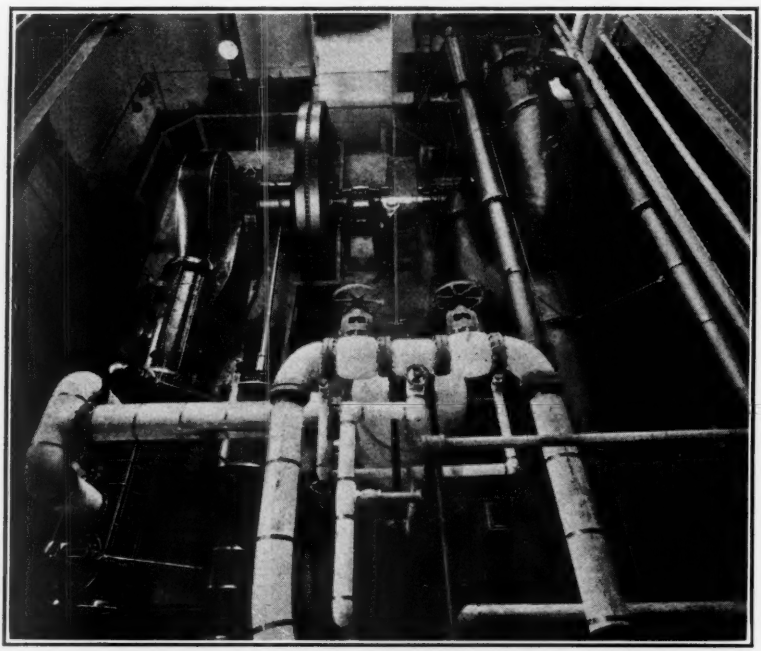
Turbine-driven Pump at the Arlington Station of the Metropolitan Water Works, Boston, Mass.

F. A. Mazzur & Co.

141 MILK STREET, BOSTON

A Notable Pump Installation at Ward Street, Boston

FOR METROPOLITAN DISTRICT COMMISSION



View of 36″ Morris Machine Works Pump with direct connected 24″ x 40″ Nordberg Uniflow Engine. This unit delivers 50,000,000 gallons per 24 hours against 45 feet dynamic head at 150 rpm. Duty Guarantee 107,000,000 foot lbs. per 1000 lbs. of dry saturated steam used at 150 lbs. pressure and with 4″ absolute vacuum.

The complete equipment including condenser, primary heater, special valves and fittings furnished under one contract and responsibility and to the direction of Mr. F. D. Smith, Engineer of the Metropolitan District Commission.

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Steam and Heating Specialties

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and all other metal surfaces need the protection of
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WE announce our appointment as Sales Representatives of DAYTON-DOWD COMPANY, of Quincy, Ill., Manufacturers of Centrifugal Pumping Machinery. After exhaustive investigation, we present this line of equipment to the Trade in New England as being of the highest grade and thoroughly modern in design and manufacture.

We are prepared to furnish DAYTON-DOWD pumps in all sizes and for all classes of service, in steam, motor, gasoline and belt drive types, and solicit your inquiries, assuring you of our best efforts in your sales and service requirements, and of our appreciation of your continued confidence and patronage.

POWER EQUIPMENT CO.

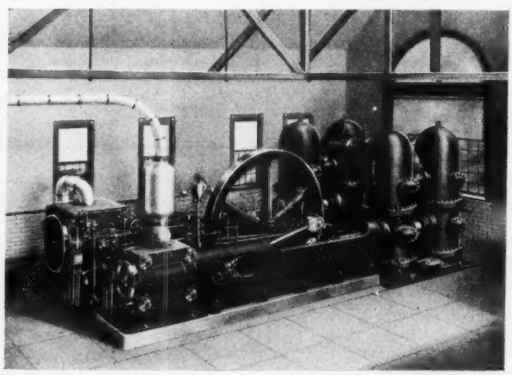
131 State Street, **Boston, Mass.**

MURRAY IRON WORKS CO.

(INCORPORATED 1870)

BURLINGTON, IOWA, U. S. A.

Builders of High Duty Pumping Engines



Murray High Duty Crank and Fly Wheel Pumping Engine, Opposed Type

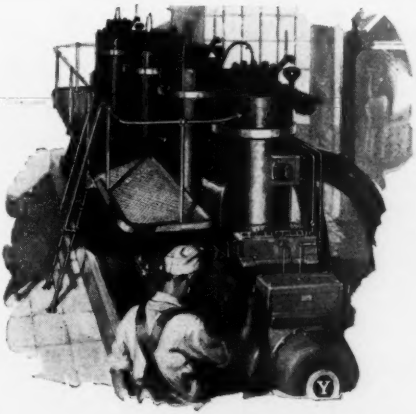
Engineers, Iron Founders, Boiler Makers

Corliss and Una-Flow Engines

Water-Tube, Fire-Tube and Internal-Furnace Boilers

Builders of Complete Power Plants

PLEASE SEND US YOUR SPECIFICATIONS AND CALLS FOR BIDS



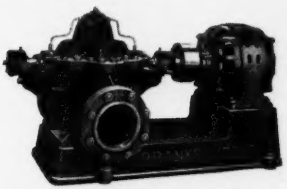
More than 90,000 h.p.
in Pumping Stations alone

Over 90,000 horsepower of Type "Y" Engines are today furnishing power for pumping stations and the number is constantly increasing.

This steady change to Type "Y" Diesel power is the natural result of operation economies that have been accomplished during the past ten years.

In waterworks service, the Type "Y" Diesel effects a saving of 50 to 75 per cent of the cost of steam or purchased power — with absolute dependability and less attention than is required in operating a steam plant.

The Type "Y" Diesel is a 2-cycle valveless airless injection cold starting engine — actually simpler than even a slide valve steam engine.



More than 800,000 horsepower of Fairbanks-Morse oil engines are in daily operation in industrial, central station, and marine service. This unequaled acceptance points not alone to the economy of Diesel power but to the proved dependability of the Fairbanks-Morse Type "Y" Engine.

And the pumps, too, should be Fairbanks-Morse.

Just as electric motor development took a great step ahead when Fairbanks-Morse originated ball bearing motor construction, so the use of ball bearings in the new "Fig. 850" and "Fig. 870" Fairbanks-Morse Pumps has paved the way to higher pumping efficiencies and new economies. This is simply representative of the advanced construction that is found in Fairbanks-Morse Pumps for practically every duty. Centrifugal or piston types; motor, steam or oil engine drive; gear driven, belt driven, or direct-connected.

One of our engineers will gladly give you facts and figures. Detailed information on Diesel Engines, Pumps, or combined units, will be mailed on request.

FAIRBANKS, MORSE & CO., Boston

Manufacturers Oil Engines, Pumps and Electrical Machinery

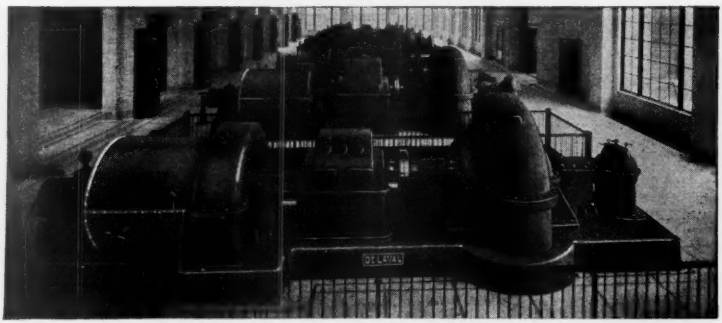
Twenty-eight branches in the United States, each with a service station.

FAIRBANKS-MORSE
Diesel Engines - Pumps

DE LAVAL

CENTRIFUGAL WATER WORKS PUMPS

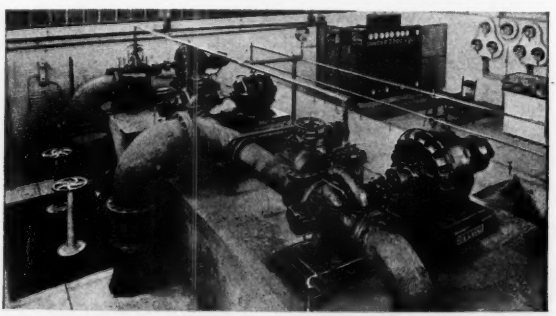
Supply 200 American Municipalities with over 5,000,000,000 gallons daily.



FAIRMOUNT PUMPING STATION, CLEVELAND, OHIO.

The largest Turbine driven pumping station in the United States. Total capacity 300 million gallons per day against heads from 85 ft. to 400 ft.

Cleveland has thirteen units installed totalling 600 million gallons per day. A fourteenth unit on order will have the unprecedented capacity of 60 million gallons against 270 ft. maximum head. Chicago has fourteen DE LAVAL units installed and on order totalling nearly 900 million gallons per day.



A TYPICAL SMALL DE LAVAL STATION, BROCKTON, MASS.

The De Laval Company announces their New England representation was transferred January 15, 1925, to

TURBINE EQUIPMENT CO. of NEW ENGLAND

CHAMBER OF COMMERCE BUILDING

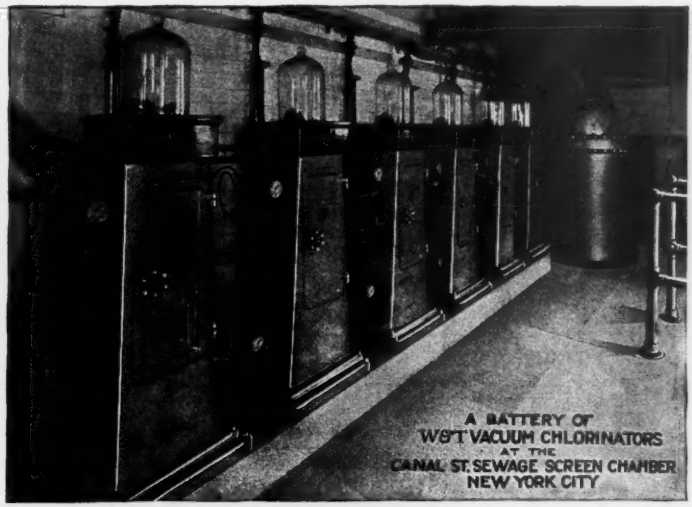
80 Federal St., Boston

This company is under the direction of F. R. C. Boyd, President, who has been connected with De Laval representation in New England for over fifteen years.

Ask for De Laval Publication.

DE LAVAL STEAM TURBINE COMPANY

Trenton, N. J.



A BATTERY OF
W&T VACUUM CHLORINATORS
AT THE
CANAL ST. SEWAGE SCREEN CHAMBER
NEW YORK CITY

The W & T Vacuum Chlorinator

LONG LIFE
The first vacuum chlorinator is still in operation.

ACCURATE
Indicates the true chlorine flow —average error negligible.

SIMPLF
No diaphragm valves on the chlorine supply.

LEAK PROOF
Any leaks would be *into* the apparatus — because of the vacuum.

NON-CORRODIBLE
Silver — platinum — glass — hard rubber — nothing else comes in contact with wet chlorine.

VISIBLE CONTROL
The glass bell jar lets you see what is going on.

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Averages less than 1% per year.

EFFICIENT
The vacuum completely empties the chlorine cylinders.

Write for Techinical Publication No. 38N

"The only safe water is a sterilized water"

WALLACE & TIERNAN
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FILTER ALUM

Aluminum Sulphate

A basic, uniform product which has been used successfully by the leading water filtration plants in New England for many years.

Our location and shipping facilities place us in a position to offer insurpassable service and make us the logical source of supply for all filter plants in New England.

The aid and advice of our technical staff has often proved of great value to our customers. It is always at their service.

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Works:

EVERETT, MASS. WOBURN, MASS.

IN CHICAGO

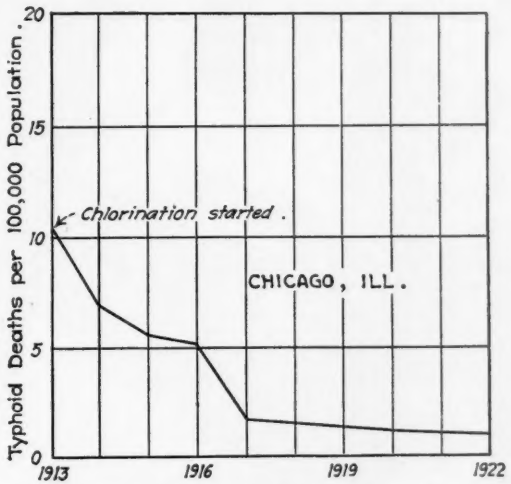

DIAGRAM SHOWS REDUCTION IN TYPHOID FEVER DEATH RATE AFTER INSTALLATION OF CHLORINE

Ask for

WHITE MOUNTAIN BRAND LIQUID CHLORINE

LINDER & MEYER

ESTABLISHED 1848

89 STATE STREET, BOSTON, MASS.

Selling Agents for

THE BROWN COMPANY

BERLIN, N. H.

The Spiral Stripe protects you against mistakes and substitution; also look for the name and year rolled in metal.

Where Cannon Roared in '63

Sunk in the Battle of Sabine Pass

The funnel of the Union Gunboat Clifton still marks the spot, off the Texas Coast, where she went down under Confederate fire. For sixty years she has lain there, silently fighting the ever-present forces of corrosion, re-enforced by salt water and spray. But the stuff she is made of—genuine wrought iron—has withstood all these assaults. Not long ago, her walking beam, in a fine state of preservation, was recovered and mounted in Keith Park, at Beaumont.

Genuine wrought iron — made exactly as in the sixties — is the material that goes into Byers Pipe. This fact accounts for its well known quality of rust resistance.

After thirty, forty, and fifty years, whole installations of Byers Pipe, used uninterruptedly for water supply and other services, have been dug up and found almost as good as new. Authentic service records may be had for the asking.

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NONE BETTER AND FEW AS GOOD

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CAST IRON BELL AND SPIGOT WATER PIPE AND FITTINGS

FLANGED PIPE in full and short lengths

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Quotations furnished promptly for shipment from Foundry

CEMENT LINED SERVICE PIPE

With Specially Adapted Lead-lined Fittings

Also Curb Cocks which eliminate Iron to Brass Corrosion both inside and out.

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Grip Pipe Fittings and Brass Nipples

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Engineers, Iron Founders and Machinists

HYDRAULIC VALVES and MACHINERY

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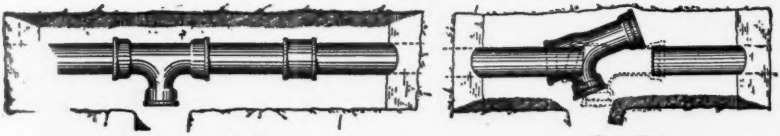
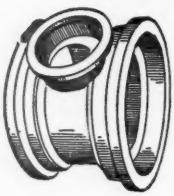
CUTTING-IN TEES



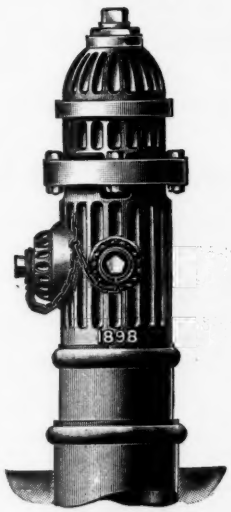
Old Way *Our Way*



Connections economically and easily made with one fitting. Saves sleeve, cuts, lead and unnecessary work and material.

"Reduced Specials"

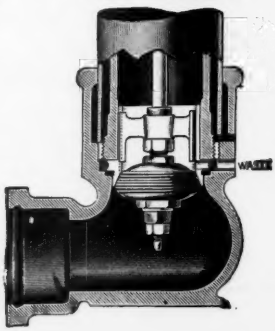
Cost of fittings reduced from 25% to 50%. Full strength. Deep bells. Convenient to handle. Sold by the piece.



Mathews Fire Hydrants

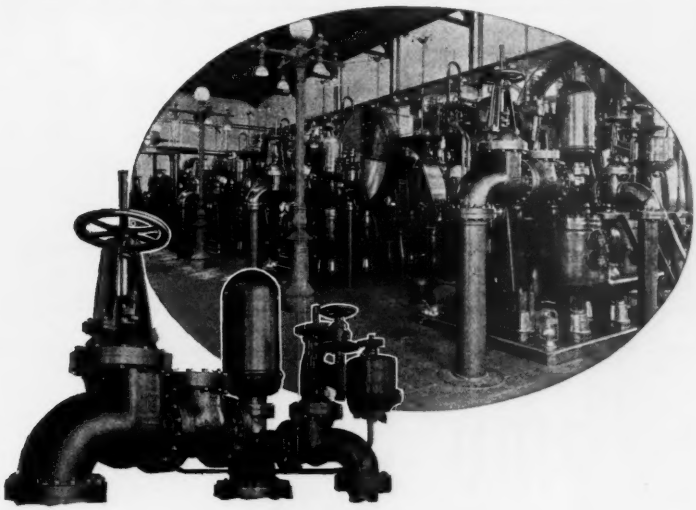
A half century of use has established their reputation as being the most economical, durable and simple hydrant.

Number in use exceeds total of all other makes combined.



Gate Valves

R. D. WOOD & CO. STANDARD
DOUBLE DISK
ANTI-FRICTION
EXTRA WEIGHT, FINISH
AND MATERIAL



Not one dollar for upkeep—

the 14-year record of over 50 Kennedy Valves in this station

The main equipment of the Philadelphia High Pressure Pumping Station comprises 10 Westinghouse Gas Engines connected to Dean Pumps, ready at any time to protect the large manufacturing districts of the city in case of fire.

Over 50 Kennedy Valves — practically the entire valve equipment — were selected by the designers of the station, the Scofield Engineering Co., to help maintain the high standard of dependability and efficiency of the plant.

These valves include high-pressure angle and straight-way gate valves, inside stationary and outside rising stem, manually and electrically operated, in sizes from 6 to 36-inch, and also a number of swing check valves — ***all in service since 1912, and operated every day without a single dollar for repair or upkeep.***

Remember this typical Kennedy record when you are considering new valve equipment or replacements in your plant.

THE KENNEDY VALVE MFG. CO., ELMIRA, N. Y.

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KENNEDY

WATER
FILTERS
REGULATORS
& ENGINES

We make **Pressure Regulating Valves** for all purposes, steam or water.

Our **Feed-Water Filter** will keep oil out of your boiler.

We can interest you if you use a condenser.

Water Engines for Pumping Organs

THE ROSS VALVE MFG. CO.

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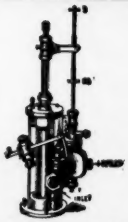

Standard for pumping church or parlor organs. Ask your organ builder for it or write us.

Coffin Valve Co.

NEPONSET, MASS.

Sluice Gates, Gate Valves and Fire Hydrants

Health and Protection First

Water delivered through dirty pipes may be a MENACE.

Incrusted water pipes mean inefficiency and loss of Fire Protection.

We Guarantee the Results of Our Method of Cleaning.

WRITE US.

National Water Main Cleaning Co.

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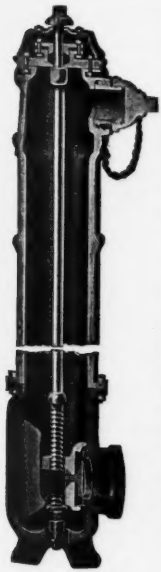
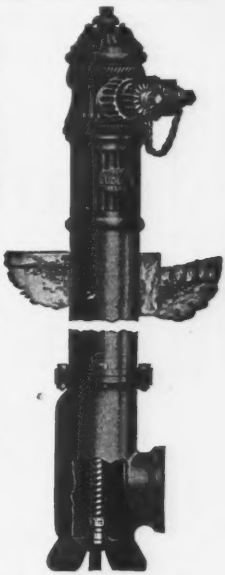


LUDLOW VALVE MFG. CO.

MANUFACTURERS OF

VALVES and FIRE HYDRANTS



This hydrant is anti-freezing, because when the drainage is good no water is left in it to freeze.

The drip is directly in the bottom of the hydrant and drains perfectly. It is protected by its valve, which never leaves its socket and cannot be clogged.

DOUBLE AND SINGLE GATE **VALVES,** ALSO CHECK **VALVES,** FOOT **VALVES.**

FIRE HYDRANTS.

YARD, WASH, AND FLUSH HYDRANTS.

☞ SEND FOR CIRCULARS ☜

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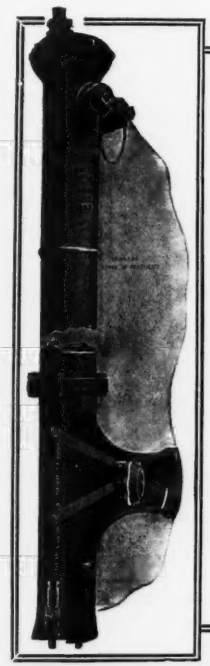
62 GOLD ST.	HARRISON BLDG.	1112 TREMONT BLDG.	1ST NAT. BANK BLDG.	THE ROOKERY	R. A. LONG BLDG.



The Knuckle Joint Principle in Genuine "Rensselaer" Improved "Corey" Fire Hydrants—Means Ease of Operation

BECAUSE this principle gives great power to open or close the gate just when it is needed, and speed in movement when power is unnecessary.

The first turn of the spindle, when the gate is open, moves the valve nearly two inches, after which the speed decreases and power throughout the knuckle joint increases, until at the time of closing the valve moves scarcely one-sixteenth of an inch at each turn of the spindle, eliminating danger from water hammer when closing hydrant.

The gate is closed very tight with slight application of power to the wrench by the operator. The drip valve in the Corey Fire Hydrant prevents freezing. No accident or damage to property can occur with this hydrant by flooding the streets where runaway teams or other accident breaks off or otherwise injures the hydrant standpipe, if hydrant was properly closed at time of accident.

It will be readily seen that the hydrant gate is held in position when shut by the four arms forming braces between the back of the hydrant and the seat, consequently the hydrant barrel can be broken completely off above the ground, but the valves remain tight.

Write for copy of our Hydrant Book No. 9.

CHARLES L. BROWN,

New England Sales Manager, Lock Box 2, Northboro, Mass.

RENSSELAER VALVE COMPANY

TROY, N. Y.

THE CHAPMAN VALVE MANUFACTURING COMPANY

Manufacturers of

Gate Valves Drip Valves

Gate Fire Hydrants

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EDDY VALVE CO.

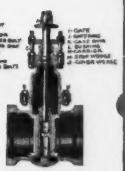
WATERFORD, NEW YORK U.S.A.

PATENT RUBBER FACED

EDDY FIRE HYDRANT.

Section of Taper Seat-Valve.

Hydrant with Independent Nozzle Cut-off.



Section of Parallel Seat-Valve.

Section of Vertical Check-Valve.

Section of Vertical Foot-Valve.

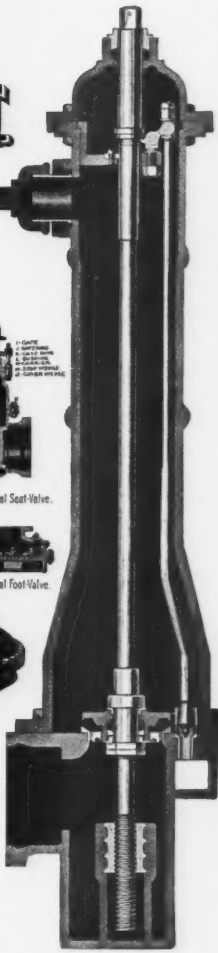
Horizontal Check-Valve.

Vertical Foot-Valve.

Hydrant with Water Crane Attachment.

Indicator Post.

Water Crane with Automatic Drip Valve.



VALVE OPEN—DRIP CLOSED.

All Goods made by the EDDY VALVE COMPANY are manufactured exclusively at WATERFORD, N.Y., U.S.A.

VALVE CLOSED—DRIP OPEN.

EMAUS PIPE FOUNDRY,
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MANUFACTURERS
... OF ...

CAST IRON PIPE

...AND ..

Special Castings for Water and Gas.
Also Flange Pipe, Street Castings,
Manhole Heads and Covers, etc.

EMAUS,
LEHIGH COUNTY, PA.

JOHN D. ORMROD, President,
J. G. EBERLEIN,
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60" pipe placed by steam shovel

U. S. Cast Iron Pipe is easy to handle

—*and with the ordinary equipment on the job*

The installation of Cast Iron Pipe lines is therefore simplified and costly delays are obviated.

Write for a copy of "*United States Cast Iron Pipe Handbook*," It contains valuable data for engineers.

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THE A. P. SMITH MANUFACTURING CO.

EAST ORANGE, N. J.

Manufacturers of

Tapping Machines, Fire Hydrants, Water Gates,

Economic Lead Furnaces,

Corporation and Curb Cocks, Brass and Aluminum Castings.

Also General Supplies for Water and Gas Works.

Write for Catalogue.

NICHOLAS ENGEL

JOHN FOX & CO.

CAST IRON

WATER & GAS PIPES

FLANGE PIPE

Special Castings, Fire Hydrants, Valves

General Foundry and Machine Work

WOOLWORTH BUILDING 233 BROADWAY

NEW YORK CITY

HIGHEST AWARD, GOLD MEDAL,
ST. LOUIS EXPOSITION, 1904

Over 100 Water Departments

use

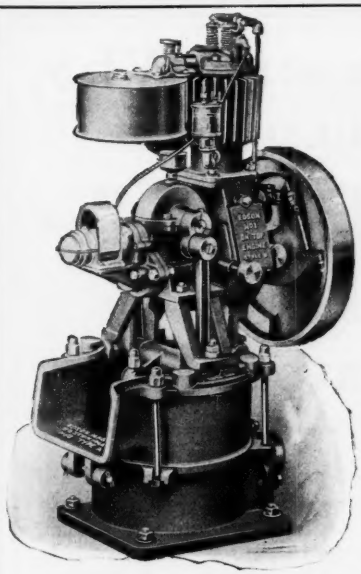
LEAD-LINED IRON and TIN-LINED PIPES

for their service connections

MANUFACTURED BY

Lead Lined Iron Pipe Company

Wakefield ——— Mass.



STYLE "B" ENGINE – STYLE "A" NO. 3 PUMP
Furnished on Hand Skid or 4-wheel Truck

"On Top" Trench Pump Unit

EDSON

DIAPHRAGM
PUMP SPECIALTIES

Hand and Power Outfits

Try one of our Gasoline Two-Pump
EMERGENCY UNITS

Insist on GENUINE EDSON Pumps,
Suction Hose, Diaphragm
with Bead, etc.

New Catalogue on application

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CAST IRON PIPE

Bell and Spigot Flanged Pipe
Special Castings
Flexible Joint Pipe Cylinders

Water Gas Sewers Culverts

Works, Phillipsburg, N. J.

LARGE STOCK ENABLES US TO MAKE QUICK SHIPMENTS

Twelve Reasons Why

YOU SHOULD USE

Trade "LEADITE" Mark

Registered U. S. Patent Office

FOR

Jointing Water Mains

1. **DURABILITY.** Leadite joints increase in strength with age.
2. **NO CAULKING.** Leadite joints require no caulking, because the Leadite adheres to the pipe, making a water-tight bond.
3. **COMPARATIVE QUANTITIES.** One ton of Leadite is equivalent to four tons of lead.
4. **LABOR SAVING.** Saves caulking charges and digging of large bell-holes, and reduces the cost of trench pumping to the minimum.
5. **COST.** Its use saves 50 to 65 per cent. over lead, owing to the saving effected in material and labor.
6. **TOOLS.** As no caulking is required, fewer tools are needed.
7. **TRANSPORTATION.** Considerable freight charges are saved because Leadite is lighter than lead.
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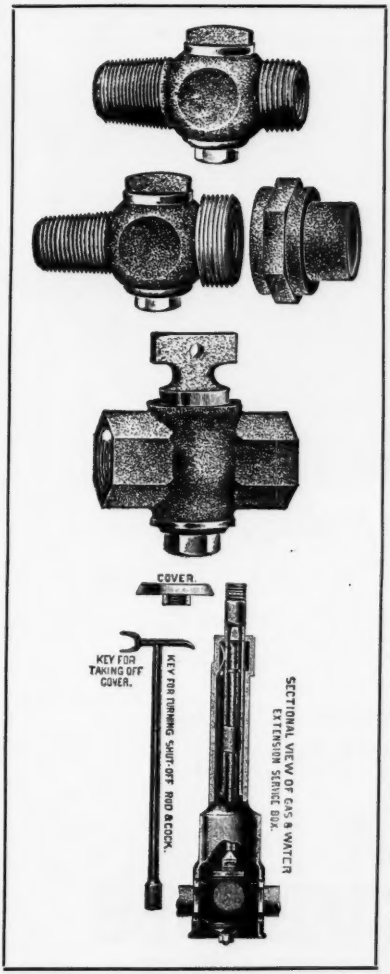

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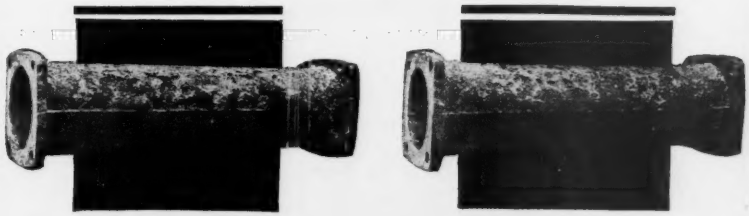

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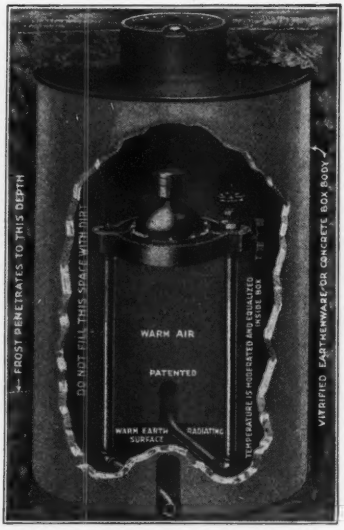
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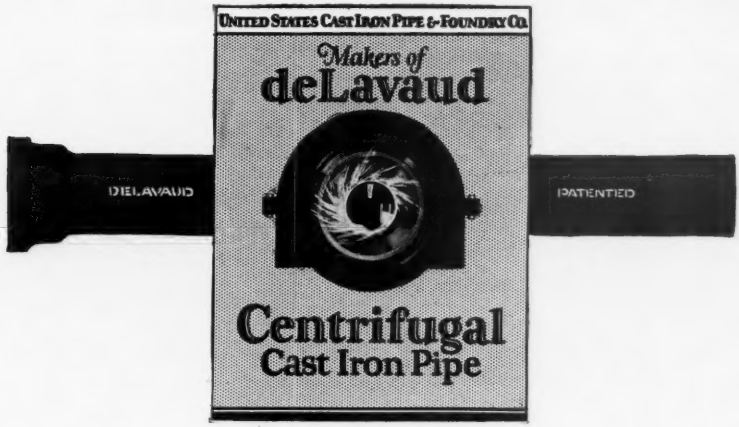

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New England Water Works Association.

ORGANIZED JUNE 12, 1882.

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